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Doc. 2732

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

31st Annual Meeting--1984

Vancouver, Canada, 1984 November 6 to 9

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LIST OF DOCUMENTS--1984

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 30th Annual Meeting--1983. It will be included in the bound proceedings of the 31st Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are--

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
F&A	= Finance and Administration
AHMM	= Ad Hoc Marine Mammals

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are--

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 31st Annual Meeting.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2730	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, Washington, 1983 November 4.	1983 Dec. 20	B&R--NONA/BSP
2731 (Japan) Rev. 1	Biochemical genetic study on population structure in Dall's porpoise ( <u>Phocoenoides dalli</u> ) I. Population study based on the analysis of the allelic variations of enzymes. Kenichi Numachi and Etsuko Shimura, Ocean Research Institute, University of Tokyo, Tokyo, Japan, 1984 February.	1984 Jan. 16	AHMM
2732	LIST OF DOCUMENTS--1984		
2733 (Japan)	Analyses of clicks of Dall's porpoise ( <u>truei</u> type). Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1984 February.	1984 Jan. 25	AHMM
2734 (Japan) Rev. 1	1983 experiments in capturing and behavior observation for Dall's porpoise on the coast of Hokkaido in the Sea of Okhotsk. Hajime Taketomi, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1984 February.	1984 Jan. 25	AHMM
2735 (Japan) Rev. 1	Acoustic studies on Dall's porpoise in the Bering Sea. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, 1984 February.	1984 Jan. 25	AHMM
2736 (Japan) Rev. 2	Effective range of sound generators. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1984 February.	1984 Jan. 25	AHMM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2737 (Japan) Rev. 1	Outline of the research on marine mammals by the <u>Hoyo maru</u> No. 12 in 1983 (August 10 to September 11). Haruo Ogi and Yoshihiro Fujise, Faculty of Fisheries, Hokkaido University, 1984 February.	1984 Feb. 2	AHMM
2738 (U.S.)	Progress report on studies of the incidental take of marine mammals particularly Dall's porpoise by the Japanese salmon fisheries, 1978-83. L.L. Jones, G.C. Bouchet, D.W. Rice, and A.A. Wolman, National Marine Mammal Laboratory, NMFS, Seattle, 1984 January.	1984 Feb. 13	AHMM
2739 (Japan)	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1983. Fisheries Agency of Japan, 1984 February.	1984 Feb. 17	B&R--S
2740* (U.S.)	Summary tables of salmonid tag recovery data from high seas tagging experiments by Canada, Japan, and the United States, reported to the INPFC through 20 October 1983. W.G. Meyer, Circular No. 84-1, FRI, Seattle, 1984 January. (Printout)	1984 Feb. 22	B&R--S
2741* (U.S.)	Data records from U.S.S.R.-U.S. cooperative high seas salmonid research in 1983. Circular No. 84-2, FRI, Seattle, 1984 February. (Printout)	1984 Feb. 22	B&R--S

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2742 (Japan) Rev. 1	Proposed cruise plan of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1984. Fisheries Agency of Japan, 1984 February.	1984 Feb. 28	B&R--S
2743 (Japan)	Supplementary records and list of errata for catch data of Japanese salmon research vessels, 1972-1982. Fisheries Agency of Japan, 1984 February.	1984 Feb. 25	B&R--S
2744 (Japan)	Additional information on tag recoveries in 1983 Japanese high seas salmon tagging (received during the period of 21 October 1983 to 10 February 1984). Fisheries Agency of Japan, 1984 February.	1984 Feb. 25	B&R--S
2745 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1983. Fisheries Agency of Japan, 1984 February.	1984 Feb. 25	B&R--S
2746 (Japan)	Catch of steelhead trout by the Japanese landbased salmon gillnet fishery, 1983. Fisheries Agency of Japan, 1984 March.	1984 March 1	B&R--S
2747 (U.S.)	Plans for U.S. observations of the Japanese mothership salmon fishery within the U.S. FCZ during 1984. M.L. Dahlberg, NMFS, Auke Bay, 1984 February.	1984 March 1	B&R--S
2748 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels by 2°x5° area and 10-day periods, 1983. Fisheries Agency of Japan, 1984 February.	1984 Feb. 27	AHMM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2749 (Japan)	Comparison of Dall's porpoise life history parameters between harpoon and gillnet samples. T. Kasuya and S. Shiraga, Fisheries Agency of Japan, 1984 February.	1984 March 1	AHMM
2750 (Japan)	A biological study on Dall's porpoise incidentally taken by landbased salmon drift gillnet fishery, 1981 and 1982. N. Miyazaki, National Science Museum, Tokyo, Japan, 1984 February.	1984 March 1	AHMM
2751 (Japan)	On reflection loss of gillnet and maximum detectable range for Dall's porpoise. Y. Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1984 February.	1984 March 1	AHMM
2752 (Japan)	Abundance estimation of Dall's porpoise in the North Pacific Ocean (1983). M. Kato, Fisheries Agency of Japan, 1984 February.	1984 March 1	AHMM
2753	Report of the Ad Hoc Salmon Research Coordinating Group, Tokyo, 1984 March 2.		B&R--S
2754 (Japan)	Number of marine mammals taken incidentally by Japanese mothership gillnet and landbased driftnet salmon fisheries in 1983. Fisheries Agency of Japan, 1984 February.	1984 March 1	AHMM
2755 (Japan)	The 1983 testing of fishing gears to prevent the incidental take of Dall's porpoise ( <u>Phocoenoides dalli</u> ). J. Kumagai, A. Takayama, H. Oba, S. Hirokawa, T. Maeda, and N. Mori, Northern Sea Salmon Mothership Council, Marine Mammal Project Team, and M. Narita, Federation of Japan Salmon Fisheries, 1983 October.	1984 March 2	AHMM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2756 (U.S.)	Investigation of Dall's porpoise ( <u>Phocoenoides dalli</u> ) responses to survey vessels: Progress report. G.C. Bouchet, D.E. Withrow, and M.E. Goebel, National Marine Mammal Laboratory, NMFS, Seattle, 1984 February.	1984 March 2	AHMM
2757 (U.S.)	Estimation of the abundance of Dall's porpoise ( <u>Phocoenoides dalli</u> ): Report of 1983 survey efforts. G.C. Bouchet and D.E. Withrow, National Marine Mammal Laboratory, NMFS, Seattle, 1984 February.	1984 March 2	AHMM
2758 (Japan)	Report on the study by U.S. and Japanese marine mammal observers on board catcher boats for mothership salmon fishery. J. Kumagai, A. Takayama, N. Mori, T. Maeda, and H. Ohba, Northern Sea Salmon Mothership Council, and M. Narita, Federation of Japan Salmon Fisheries, 1984 March.	1984 March 5	AHMM
2759	REPORT OF THE SCIENTIFIC SUB-COMMITTEE OF THE AD HOC COMMITTEE ON MARINE MAMMALS, TOKYO, JAPAN, 1984 MARCH 9		AHMM
2760 (Japan)	Correction to Doc. 2617-- Study of Dall's porpoise's echolocating pulses and specification of the sound generators. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan. Tokyo, Japan, 1984 March 2.	1984 March 2	AHMM
2761	AUDITORS' REPORT TO THE COMMISSION, 1983/84		F&A

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2762	Details of items in the auditors' report for the 1983/84 fiscal period (INPFC Doc. 2761).		F&A
2763	Budget Estimate 1985/86 and Budget Forecast 1986/87.		F&A
2764	Report on financial situation in the current fiscal year (1984/85).		F&A
2765	ADMINISTRATIVE REPORT FOR 1984		F&A
2766 Rev. 1	STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLES III 1.(e) AND IX 2		F&A
2767	AGENDA FOR THE PLENARY SESSIONS--1984 ANNUAL MEETING		F&A
2768 Rev. 1	Report on the status of publications.		B&R F&A
2769 Rev. 1	List of material and data exchanges, 1983/84		B&R--S
2770 Rev. 1	Treaties and agreements tabled since 1983 November 3.		F&A
2771* (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/BSP
2772* (Japan)	Catch statistics of Japanese groundfish fisheries in the northeast Pacific, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/NEP

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2773* (Japan)	Catch statistics of Japanese landbased dragnet fishery in the Bering Sea, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/BSP
2774* (Japan)	Catch statistics of halibut caught or discarded by Japanese groundfish fisheries in the Bering Sea, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/BSP
2775* (Japan)	Catch statistics of halibut discarded by Japanese groundfish fisheries in the northeast Pacific, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/NEP
2776* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/BSP
2777* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the northeast Pacific, 1983 January to December. Fisheries Agency of Japan, 1984 August. (Printout)	1984 Sept. 13	B&R--NONA/NEP
2778 (Japan)	Preliminary catch records in the Bering Sea, 1984 January to July. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP

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2779 (Japan)	Preliminary catch records in the northeast Pacific, 1984 January to July. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/NEP
2780 (Japan)	Vessel and gear specification of the Japanese fishery operated in the northeast Pacific in 1983. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP NONA/NEP
2781 (Japan)	Incidental catch of prohibited species in Japanese groundfish fisheries in the North Pacific, 1983 January to December. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--S B&R--NONA/BSP NONA/NEP
2782 (Japan) Rev. 1	Outline of the Japanese groundfish fishery in the Bering Sea in 1983 January to December and 1984 January to July. Kazuyuki Teshima, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2783 (Japan)	Outline of the Japanese groundfish fishery in the northeast Pacific in 1983 January to December and 1984 January to July. Kazuyuki Teshima, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/NEP
2784 (Japan) Rev. 1	Japanese research in 1984 and research planned for 1985 on groundfish stocks in the Bering Sea/Aleutians and northeast Pacific. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP NONA/NEP
2785 (Japan) Rev. 1	Condition of flounder stocks in the Bering Sea and Aleutian Islands region. Kiyoshi Wakabayashi, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2786 (Japan) Rev. 1	Condition of Pacific cod stock in the Bering Sea and Aleutian Islands region. Kazuyuki Teshima, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2787 (Japan) Rev. 1	Condition of Pacific ocean perch, rockfishes, thornyhead, and squid stocks in the Bering Sea and Aleutian Islands region. Keisuke Okada, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2788 (Japan) Rev. 1	Condition of sablefish stocks in the eastern Bering Sea, Aleutian region, and Gulf of Alaska in 1983. Takashi Sasaki, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP NONA/NEP
2789 (Japan) Rev. 1	Condition of pollock, Pacific cod, Pacific ocean perch, rockfish, and flatfish stocks in the Gulf of Alaska. Hirotsume Yamaguchi, Kazuyuki Teshima, and Keisuke Okada, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/NEP
2790 (Japan) Rev. 1	Preliminary report of multi-vessel trawl survey for pollock on the eastern Bering Sea flats in spring, 1984. Hirotsume Yamaguchi, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2791 (Japan) Rev. 1	Preliminary report on the Japan-U.S. cooperative groundfish survey in the Bering Sea by <u>Fukushin maru No. 5</u> in 1984. Hirotsume Yamaguchi, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2792 (Japan) Rev. 1	A prompt report on Japan-U.S. joint longline survey by <u>Anyo maru No. 21</u> in 1983. Takashi Sasaki, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP NONA/NEP

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2793 (Japan)	Report of Japan-U.S. joint survey on selective trawls in the Bering Sea in the winter of 1983. Keiichi Mori, Japan Marine Fishery Resource Research Center, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--S B&R--NONA/BSP NONA/NEP
2794 (Japan)	Release data of tagged groundfish in the Bering Sea in 1984. Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--NONA/BSP
2795 (Japan) Rev. 1	Outline of oceanographic conditions of the northwest Pacific during the summer of 1984. Satsuki Matsumura, Fisheries Agency of Japan, 1984 August.	1984 Sept. 13	B&R--S
2796 (Japan) Rev. 1	Further analysis of scale patterns of Japanese hatchery-reared chum salmon in the North Pacific Ocean. Yukimasa Ishida, Soto-o Ito, and Kenji Takagi. Fisheries Agency of Japan, 1984 September.	1984 Sept. 13	B&R--S
2797 (Japan) Rev. 1	An estimation of sampling efficiencies of salmon gillnets. Yukimasa Ishida, Fisheries Agency of Japan, 1984 September.	1984 Sept. 13	B&R--S
2798 (Japan) Rev. 1	Age determination of masu salmon. Mamoru Kato, Fisheries Agency of Japan, 1984 September.	1984 Sept. 13	B&R--S
2799 (Japan) Rev. 1	Abundance and biological information of immature sockeye salmon in waters south of the Aleutian Islands in 1984 July. Kenji Takagi and Soto-o Ito, Fisheries Agency of Japan, 1984 September.	1984 Sept. 20	B&R--S

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2800 (Japan) Rev. 2	Release data for Japanese salmon tagging experiments in 1984 and recovery data up to 1984 August. Jun Ito, Fisheries Agency of Japan, 1984 September.	1984 Sept. 20	B&R--S
2801 (Japan) Rev. 1	Outline of Japanese salmon investigations in offshore waters of the North Pacific Ocean in 1984. Kenji Takagi, Fisheries Agency of Japan, 1984 September.	1984 Sept. 20	B&R--S
2802 (Japan) Rev. 1	Summary report on Japanese salmon investigations in 1984. Fisheries Agency of Japan, 1984 September.	1984 Sept. 21	B&R--S
2803 (Japan) Rev. 1	Preliminary examination related to scale pattern analysis of coho salmon. Mamoru Kato, Fisheries Agency of Japan, 1984 September.	1984 Sept. 21	B&R--S
2804 (Japan) Rev. 1	Preliminary report on the Japan-U.S. cooperative demersal trawl survey in the Gulf of Alaska by <u>Daikichi maru No. 37</u> in 1984. Kiyoshi Wakabayashi, Fisheries Agency of Japan, 1984 September.	1984 Sept. 26	B&R--NONA/NEP
2805 (Japan) Rev. 1	Condition of the pollock stock in the eastern Bering Sea. Hirotsune Yamaguchi and Keisuke Okada, Fisheries Agency of Japan, 1984 August.	1984 Sept. 26	B&R--NONA/BSP
2806 (Japan)	Survey on the feasibility of using surface gillnets for pomfret and drift gillnets for flying squid resources in the North Pacific Ocean in 1983. Japan Marine Fishery Resource Research Center, Fisheries Agency of Japan, 1984 September.	1984 Sept. 26	B&R--NONA/NEP

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2807* (P.P.R.)	Activities of the Polish fishing fleet in the northeast Pacific by INPFC statistical area, 1984 June to November. Morski Instytut Rybacki W Gdyni, 1984 May. (SS)	1984 Sept. 27	B&R--NONA/NEP
2808 (Canada)	The status of the chum salmon fishery and stocks of British Columbia. T.D. Beacham, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--S
2809 (Canada)	Trends in size of British Columbia salmon 1975-1982. W.E. Ricker, Fisheries and Oceans, Nanaimo, 1984.	1984 Oct. 2	B&R--S
2810 (Canada)	A review of British Columbia chinook salmon stocks and their coastal fisheries: 1970 to 1984. P.J. Starr and K.R. Pitre, Fisheries and Oceans, Vancouver, 1984.	1984 Oct. 2	B&R--S
2811 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific coast, 1970-83. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP
2812 (Canada)	Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1983. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP
✓ 2813 (Canada)	Incidental catch of halibut ( <u>Hippoglossus stenolepis</u> ) by domestic trawlers in Queen Charlotte Sound and Hecate Strait in 1981 and 1982. R.D. Stanley, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP

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2814 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1983. S.F. Head, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP
✓ 2815 (Canada)	Progress report on Canadian experiments on validating age-determination methods for groundfish species. S.J. Westrheim, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/BSP NONA/NEP
2816 (Canada)	Canadian regulations on non-domestic fisheries, 1977-84. S.J. Westrheim, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP
2817 (Canada)	Canadian field research studies for 1984 in the northeast Pacific. A.J. Cass, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP
2818 (Canada)	Catch statistics for the Canadian albacore tuna fishery, 1952-1983. K.S. Ketchen and C.C. Wood, Fisheries and Oceans, Nanaimo, 1984.	1984 Oct. 2	B&R--NONA/NEP
2819 (Canada)	A review of British Columbia sockeye salmon ( <u>Oncorhynchus nerka</u> ) stocks and their coastal fisheries: 1970 to 1984. M.A. Henderson, A.T. Charles, and P.J. Starr, Fisheries and Oceans, Vancouver, 1984.	1984 Oct. 2	B&R--S
2820 (Canada)	Problems in aging Pacific salmon from their scales and need for development of objective criteria. H.T. Bilton, Fisheries and Oceans, Nanaimo, 1984.	1984 Oct. 2	B&R--S
2821 (Canada)	Summary of 1984 herring stock assessment. M. Stocker, V. Haist, and J. Schweigert, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 2	B&R--NONA/NEP

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2822 (Canada)	Preliminary report on identification of continent of origin of ocean-caught steelhead trout, <u>Salmo gairdneri</u> , using naturally occurring parasite "tags". L. Margolis, Fisheries and Oceans, Nanaimo, 1984 September.	1984 Oct. 2	B&R--S
2823* (Canada)	Observations on the fate of experimentally induced scars and marks on adult chinook salmon. G.R. Bell and J. Bagshaw, Fisheries and Oceans, Nanaimo, 1984 September.  (SS)	1984 Oct. 2	B&R--S
2824 (U.S.)	Plan for U.S. research on Dall's porpoise in 1984. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1983 November.	1984 Oct. 2	B&R--S AHMM
2825 (Japan) Rev. 1	Outline of 1984 research on marine mammals, especially Dall's porpoise relating to the salmon gillnet fishery. Fisheries Agency of Japan, 1984 September.	1984 Oct. 4	B&R--S AHMM
2826 (Canada)	Additional information on the ageing technique for sablefish developed by Beamish and Chilton (1982). G.A. McFarlane, R.J. Beamish, and R.L. Demory, Fisheries and Oceans, Nanaimo, 1984 October.	1984 Oct. 5	B&R--NONA/BSP NONA/NEP
2827 (U.S.)	Condition of groundfish resources of the Gulf of Alaska region as assessed in 1984. Edited by R.L. Major, NMFS, Seattle, 1984 October.	1984 Oct. 25	B&R--NONA/NEP

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2828 (U.S.)	Time-location traces of sablefish tag recoveries released by the U.S. National Marine Fisheries Service and the Fisheries Agency of Japan, 1972-83. J.T. Fujioka and M.F. Sigler, NMFS, Auke Bay, 1984 November.	1984 Oct. 10	B&R--NONA/BSP NONA/NEP
2829 (U.S.)	Results of U.S. observations of the Japanese mothership salmon fishery during 1984. M.L. Dahlberg, NMFS, Auke Bay, 1984 November.	1984 Oct. 10	B&R--S
2830 (U.S.)	Condition of groundfish resources of the eastern Bering Sea and Aleutian Islands region in 1984. R.G. Bakkala, L.L. Low (editors), D.H. Ito, R.E. Narita, V.G. Wespestad, D. Kimura, L.L. Ronholt, and J.J. Traynor, NMFS, Seattle, 1984.	1984 Oct. 12	B&R--NONA/BSP
2831 (Canada/ U.S.)	Items of information on the halibut fishery in the Bering Sea and the northeast Pacific Ocean (requested from Canada and the United States in Doc. 2710, App. 2). IPHC, Seattle, 1984 October.	1984 Oct. 15	B&R--NONA/BSP NONA/NEP
2832* (Japan)	Age and maturity data of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1983. Fisheries Agency of Japan, 1984 September.	1984 Oct. 15	B&R--S

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2833* (Japan)	Data records from salmon research vessels, 1983. I--Catch data. II--Oceanographic data. Fisheries Agency of Japan, 1984 June. (SS)	1984 Oct. 15	B&R--S
2834* (Japan)	Errata in regard to "Data record from Japanese salmon research vessels in 1983". Fisheries Agency of Japan, 1984 September. (SS)	1984 Oct. 15	B&R--S
2835* (Canada)	Groundfish stock assessments off the west coast of Canada in 1984 and recommended total allowable catches for 1985. A.V. Tyler and G.A. McFarlane (editors), Fisheries and Oceans, Nanaimo, 1984 October. (SS)	1984 Oct. 17	B&R--NONA/NEP
2836 (U.S.)	Origins of chum salmon in the Unimak Island and Shumagin Islands fisheries during June 1983 determined by scale patterns analysis. R.H. Conrad, Alaska Department of Fish and Game, Anchorage, 1984.	1984 Oct. 18	B&R--S
2837 (U.S.) Rev. 1	Origins of chinook salmon in the area of the Japanese mothership and landbased driftnet salmon fisheries in 1975-1981. K.W. Myers, D.E. Rogers, C.K. Harris, C.M. Knudsen, R.V. Walker, and N.D. Davis, FRI, Seattle, 1984 October.	1984 Oct. 19	B&R--S
2838 (U.S.)	Tag returns in 1984--United States high seas salmon tagging. C.K. Harris, FRI, Seattle, 1984 October.	1984 Oct. 19	B&R--S

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2839 (U.S.)	Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1984. C.K. Harris, FRI, Seattle, 1984 October.	1984 Oct. 19	B&R--S
2840 (U.S.)	Errata for 1983 INPFC Doc. 2698--Report of incidence of coded-wire tagged salmonids in catches of foreign commercial and research vessels operating in the North Pacific Ocean and Bering Sea during 1982-1983. A.C. Wertheimer and M.L. Dahlberg, NMFS, Auke Bay, 1983 November.	1984 Oct. 24	B&R--S
2841 (U.S.) Rev. 1	Report of incidence of coded-wire tagged salmonids in catches of foreign commercial and research vessels operating in the North Pacific Ocean and Bering Sea during 1983-1984. A.C. Wertheimer and M.L. Dahlberg, NMFS, Auke Bay, 1984 November.	1984 Oct. 19	B&R--S
2842 (U.S.)	Progress report for the 1984 field research on Dall's porpoise incidentally taken by the Japanese salmon mothership gillnet fishery. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1984.	1984 Oct. 19	AHMM
2843 (U.S.)	United States research surveys conducted in 1984 and surveys planned for 1985 in the eastern Bering Sea. T.M. Sample, NMFS, Seattle, 1984 September.	1984 Oct. 19	B&R--NONA/BSP
2844 (U.S.)	Preliminary results of the 1984 eastern Bering Sea crab survey and the current status of crab stocks. R.S. Otto, NMFS, Kodiak, 1984.	1984 Oct. 19	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2845 (U.S.)	Observations on externally scarred and marked chinook and coho salmon in the 1982 southeastern Alaska commercial troll fishery. Informational Leaflet No. 240. M. Seibel, A. Davis, J. Kelly, L. Talley, and P. Skannes, Alaska Department of Fish and Game, Juneau, 1984 August.	1984 Oct. 24	B&R--S
2846 (Japan)	Recovery information for tagged groundfish in the Bering Sea and northeast Pacific in 1984. Fisheries Agency of Japan, 1984 September.	1984 Oct. 24	B&R--NONA/BSP NONA/NEP
2847 (U.S.)	Summary of U.S. observer sampling of foreign and joint-venture fisheries in the northeast Pacific Ocean and eastern Bering Sea, 1983. J. Berger, J. Wall, and R. Nelson, Jr., NMFS, Seattle, 1984 October.	1984 Oct. 25	B&R--NONA/BSP NONA/NEP
2848 (Japan)	Catch and effort statistics of the Japanese squid drift gillnet fishery in the North Pacific in 1983. Fisheries Agency of Japan, 1984 September.	1984 Oct. 24	B&R--S B&R--NONA/NEP

as of 1984 October 28, 1230

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

32nd Annual Meeting--1985

Tokyo, Japan, 1985 November 6 to 8

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LIST OF DOCUMENTS--1985

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 31st Annual Meeting--1984. It will be included in the bound proceedings of the 32nd Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are--

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
F&A	= Finance and Administration
AHMM	= Ad Hoc Marine Mammals

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are--

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 32nd Annual Meeting.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2858 (Japan) Rev. 1	Measurement of directivity of supersonic wave reflection from elements of salmon gillnets. Yoshimi Hatakeyama and Kenichi Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1985 March.	1985 Jan. 22	AHMM
2859 (Japan) Rev. 1	Acoustic studies on Dall's porpoise on the high seas. Hajime Taketomi and Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, and Eiichi Hasegawa, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, 1985 March.	1985 Jan. 22	AHMM
2860 (Japan) Rev. 1	Feeding trial and acoustic studies of Dall's porpoise captured alive. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, and Hiroshi Shimizu, Kamogawa Sea World, Chiba, Japan, 1985 March.	1985 Jan. 22	AHMM
2861	LIST OF DOCUMENTS--1985		
2862 (Japan)	Report of the survey by the dedicated vessel <u>Hoyo maru</u> <u>No. 53</u> in 1984. Nobuyuki Miyazaki, National Science Museum, and Yoshihiro Fujise, Faculty of Fisheries, Hokkaido University, 1985 March.	1985 Jan. 22	AHMM
2863 (Japan) Rev. 1	Estimation of Dall's porpoise abundance in the North Pacific using sighting data of Japanese salmon research vessels in 1984. Mamoru Kato, Fisheries Agency of Japan, 1985 March.	1985 Jan. 22	AHMM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2864 (Japan)	Number of marine mammals taken incidentally by Japanese mothership gillnet and landbased driftnet salmon fisheries in 1984. Fisheries Agency of Japan, 1985 January.	1985 Feb. 7	AHMM
2865 (U.S.)	Plans for U.S. observations of the Japanese mothership salmon fishery within the U.S. FCZ during 1985. M.L. Dahlberg, NMFS, Auke Bay, 1985 March.	1985 Feb. 14	B&R--S
2866 (Japan)	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1984. Fisheries Agency of Japan, 1985 February.	1985 Feb. 21	B&R--S AHMM
2867 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1984. Fisheries Agency of Japan, 1985 March.	1985 March 4	B&R--S
2868 (Japan)	Number of steelhead trout taken by Japanese landbased driftnet salmon fishery by 2°x5° area and 10-day period in 1984. Fisheries Agency of Japan, 1985 March.	1985 March 4	B&R--S
2869 (Japan)	Proposed cruise plan of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1985. Fisheries Agency of Japan, 1985 March.	1985 March 4	B&R--S AHMM
2870* (U.S.)	Data records from U.S.S.R.- U.S. cooperative high seas salmonid research in 1984. Circular No. 85-1, FRI, Seattle, 1985 February.  (Printout)	1985 March 25	B&R--S

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\*not available for general distribution--see explanation on page 1

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2871	Report of the Ad Hoc Salmon Research Coordinating Group, Tokyo, 1985 March 5 to 8.		B&R--S
2872 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1984. Fisheries Agency of Japan, 1985 February.	1985 March 11	AHMM
2873 (Japan)	The 1984 testing of fishing gears to prevent the incidental take of Dall's porpoise ( <u>Phocoenoides dalli</u> ). H. Ogiwara, K. Kataoka, H. Oba, T. Maeda, S. Takechi, and M. Narita, Northern Sea Salmon Mothership Council, Marine Mammal Project Team and Federation of Japan Salmon Fisheries Association, 1985 March.	1985 March 11	AHMM
2874 (U.S.)	Response of Dall's porpoise ( <u>Phocoenoides dalli</u> ) to survey vessels in both offshore and nearshore waters: results of 1984 research. D.E. Withrow, G.C. Bouchet, and L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1985 February.	1985 March 11	AHMM
2875 (U.S.)	Biological studies on Dall's porpoise: progress report. L.L. Jones, D.W. Rice, and M.E. Goshko, National Marine Mammal Laboratory, NMFS, Seattle, 1985 March.	1985 March 11	AHMM
2876 (U.S.)	Proposed plan for U.S. research on Dall's porpoise for 1985. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1985.	1985 March 11	AHMM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2877 (U.S.)	Estimation of the abundance of Dall's porpoise ( <u>Phocoenoides dalli</u> ): report of 1984 survey efforts and re-evaluation of previous survey efforts. G.C. Bouchet and A.G. Haines, National Marine Mammal Laboratory, NMFS, Seattle, 1985.	1985 March 11	AHMM
2878 (U.S./ Japan)	Variability of readers and method of preparation in Dall's porpoise age determination. L. Jones and M. Goshō, National Marine Mammal Laboratory, NMFS, Seattle, T. Kasuya, Fisheries Agency of Japan, and N. Miyazaki, National Science Museum, Tokyo Japan, 1985 March.	1985 March 11	AHMM
2879	REPORT OF THE SCIENTIFIC SUB-COMMITTEE OF THE AD HOC COMMITTEE ON MARINE MAMMALS, TOKYO, JAPAN, 1985 MARCH 11 TO 15		AHMM
2880	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, Washington 1984 November 5 to 15.	1985 April 12	B&R--NONA/BSP NONA/NEP
2881	AGENDA FOR THE PLENARY SESSIONS--1985 ANNUAL MEETING		F&A
2882	AUDITORS' REPORT TO THE COMMISSION, 1984/85		F&A
2883	Details of items in the auditors' report for the 1984/85 fiscal period (INPFC Doc. 2882).		F&A
2884	Budget Estimate 1986/87 and Budget Forecast 1987/88.		F&A
2885	Report on financial situation in the current fiscal year (1985/86).		F&A



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2886	ADMINISTRATIVE REPORT FOR 1985		F&A
2887	STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLES III 1.(e) AND IX 2		F&A
SLR ✓ 2888	Report on the status of publications.		B&R F&A
2889	Treaties and agreements tabled since 1984 November 8.		F&A
2890	List of material and data exchanges, 1984/85		B&R--S
2891	Responses of governments to Commission concern regarding high seas salmon fishing by non-Contracting Parties.		F&A
2892	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, Washington, 1985 May 20 to 24.	1985 Sept. 4	B&R--NONA/BSP NONA/NEP
2893* (Japan)	Data records from salmon research vessels, 1984. I--Catch data. II--Oceanographic data. Fisheries Agency of Japan, 1985 June. (SS)	1985 Sept. 19	B&R--S
2894 (Japan)	Outline of Japanese salmon investigations in offshore waters of the North Pacific Ocean in 1985. Kenji Takagi, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S
2895 (Japan)	Release data for Japanese salmon tagging experiments in 1985 and recovery data up to 1985 August. Jun Ito, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2896 (Japan)	Outline of oceanographic conditions of the northwest Pacific during the summer of 1985. Kazuhiko Hiramatsu, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S
2897 (Japan)	Abundance and biological information of immature sockeye salmon in waters south of the Aleutian Islands in 1985 July. Kenji Takagi and Sotao Ito, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S
2898 (Japan)	Stock identification of chinook salmon in offshore waters in 1974 based on scale pattern analysis. J. Ito, Y. Ishida, S. Ito, and K. Takagi, Fisheries Agency of Japan, 1985.	1985 Sept. 19	B&R--S
2899 (Japan)	Scale pattern analysis of coho salmon in the northwest North Pacific Ocean by materials obtained in 1975. Mamoru Kato and Yukimasa Ishida, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S
2900 (Japan)	Estimation of catch efficiency of salmon gillnet. Yukimasa Ishida, Seiwa Kawasaki, and Yasujiro Hattori, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--S
2901 (Japan)	Outline of the Japanese groundfish fishery in the northeast Pacific in 1984 January-December and 1985 January-July. Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
LJR 2902 (Japan)	Report of pollock survey by commercial vessels in the eastern Bering Sea; August-September 1984. K. Teshima and K. Okada, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP
LJR 2903 (Japan)	Preliminary report on Japan-U.S. joint longline survey by <u>Ryusho maru No. 15</u> in 1984. Takashi Sasaki, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP NONA/NEP
LJR ✓ 2904 (Japan)	Preliminary report on 1985 Japan-U.S. cooperative Bering Sea groundfish survey by <u>Daikichi maru No. 32</u> . Kazuyuki Teshima, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP
2905 (Japan)	Outline of the Japanese squid driftnet fishery. Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/NEP
LJR ✓ 2906 (Japan)	Stock assessment of pollock in the eastern Bering Sea in 1985. Takashi Sasaki, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP
LJR ✓ 2907 (Japan)	Stock assessment of flounders in the eastern Bering Sea and Aleutian Islands region (1985). Kiyoshi Wakabayashi, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP
LJR ✓ 2908 (Japan)	Stock assessment of Pacific cod in the eastern Bering Sea, Aleutian Islands region, and the Gulf of Alaska in 1985. Kazuyuki Teshima, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP NONA/NEP

Doc. no. & origin	Title, author, date, etc.	Date received by Secretariat	Committee
LLR ✓ 2909 (Japan)	Stock assessment of Pacific ocean perch, rockfishes, thornyheads, and squids in the eastern Bering Sea and Aleutian Islands region in 1985. Keisuke Okada, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP NONA/NEP
LLR ✓ 2910 (Japan)	Stock assessment of sablefish in the eastern Bering Sea, Aleutian Islands region, and Gulf of Alaska in 1984. Takashi Sasaki, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP NONA/NEP
LLR 2911 (Japan)	Stock assessment of pollock, Pacific ocean perch, rockfishes, and flatfishes in the Gulf of Alaska in 1985. Keisuke Okada, Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/NEP
LLR ✓ 2912 (Japan)	Japanese research in 1985 and research planned for 1986 on groundfish stocks in the Bering Sea, Aleutian Islands, and northeast Pacific. Fisheries Agency of Japan, 1985 September.	1985 Sept. 19	B&R--NONA/BSP NONA/NEP
2913 (U.S.)	Racial trends in chinook salmon ( <u>Oncorhynchus tshawytscha</u> ) scale patterns. K.W. Myers, FRI, Seattle, 1985 September.	1985 Sept. 19	B&R--S
2914 (U.S.)	Errata to Doc. 2837, Rev.2-- Origins of chinook salmon in the area of the Japanese mothership and landbased driftnet salmon fisheries in 1975-1981, October 1984.	1985 Sept. 19	B&R--S
2915 (Canada)	A test on the accuracy of ageing of chinook salmon ( <u>Oncorhynchus tshawytscha</u> ) of known age from their scales. H.T. Bilton, Fisheries and Oceans, Nanaimo, 1985 July.	1985 Sept. 25	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2916 (Canada)	Catch statistics for the Canadian albacore fishery, 1952-1984. C.C. Wood, Fisheries and Oceans, Nanaimo.	1985 Sept. 25	B&R--NONA/NEP
2917 (Canada)	Preliminary results of age validation studies for rock sole ( <u>Lepidopsetta bilineata</u> ) in Hecate Strait (Charlotte Area). J. Fargo, Fisheries and Oceans, Nanaimo, 1985 November.	1985 Sept. 25	B&R--NONA/NEP
2918 (Canada)	Canadian regulations on non-domestic fisheries, 1977-85. S.J. Westrheim, Fisheries and Oceans, Nanaimo, 1985 October.	1985 Sept. 25	B&R--NONA/NEP
2919 (Canada)	Canadian field research studies for 1985 in the northeast Pacific. A. Cass, Fisheries and Oceans, Nanaimo, 1985 October.	1985 Sept. 25	B&R--NONA/NEP
2920 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific coast, 1970-84. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1985 August.	1985 Sept. 25	B&R--NONA/NEP
2921 (Canada)	Summary of 1985 herring stock assessment. M. Stocker, V. Haist, and J. Schweigert, Fisheries and Oceans, Nanaimo, 1985 October.	1985 Sept. 25	B&R--NONA/NEP
2922 (Canada)	Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1984. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1985 September.	1985 Sept. 25	B&R--NONA/NEP

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2923 (Japan)	Stock identification of chum salmon based on scale pattern analysis by discriminant function. Yukimasa Ishida, Sotao Ito, and Kenji Takagi, Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--S
2924 (Japan)	Summary report on Japanese salmon investigations in 1985. Kenji Takagi, Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--S
✓ 2925 (Japan)	Outline of the Japanese groundfish fishery in the Bering Sea in 1984 January-December and 1985 January-July. Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--NONA/BSP
<i>LJR</i> 2926 (Japan)	Preliminary report of Japan-U.S. joint survey on selective trawls in the Bering Sea in the summer of 1985. Keiichiro Mori, Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--S B&R--NONA/BSP NONA/NEP
<i>LJR</i> 2927 (Japan)	Preliminary report of Japan-U.S. joint survey on selective trawls in the Bering Sea in the winter of 1984. Keiichiro Mori, Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--S B&R--NONA/BSP NONA/NEP
2928* (Japan)	Age and maturity data of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1984. Fisheries Agency of Japan, 1985 September.  (Printout)	1985 Sept. 26	B&R--S
2929 (Japan)	Steelhead trout in the North Pacific Ocean. Toshio Okazaki, Fisheries Agency of Japan, 1985 September.	1985 Sept. 26	B&R--S

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2930* (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1984 January to December. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/BSP
2931* (Japan)	Catch statistics of Japanese groundfish fisheries in the northeast Pacific, 1984 January to December. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/NEP
2932* (Japan)	Catch statistics of Japanese landbased dragnet fishery in the Bering Sea region, 1984. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/BSP
2933* (Japan)	Catch statistics of halibut caught or discarded by Japanese groundfish fisheries in the Bering Sea, 1984 January to December. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/BSP
2934* (Japan)	Catch statistics of halibut discarded by Japanese groundfish fisheries in the northeast Pacific, 1984 January to December. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/NEP
2935* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea, 1984 January to December. Fisheries Agency of Japan, 1985 August. (Printout)	1985 Sept. 26	B&R--NONA/BSP

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2936* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the northeast Pacific, 1984 January to December. Fisheries Agency of Japan, 1985 August.  (Printout)	1985 Sept. 26	B&R--NONA/NEP
2937 (Japan)	Preliminary catch records in the Bering Sea, 1985 January-July. Fisheries Agency of Japan, 1985 August.	1985 Sept. 26	B&R--NONA/BSP
2938 (Japan)	Preliminary catch records in the northeast Pacific, 1985 January-July. Fisheries Agency of Japan, 1985 August.	1985 Sept. 26	B&R--NONA/NEP
2939 (Japan)	Vessel and gear specification of Japanese fishery operated in the North Pacific in 1984. Fisheries Agency of Japan, 1985 August.	1985 Sept. 26	B&R--NONA/BSP NONA/NEP
2940 (Japan)	Incidental catch for prohibited species on Japanese groundfish fisheries in the North Pacific, 1984 January-December. Fisheries Agency of Japan, 1985 August.	1985 Sept. 26	B&R--S B&R--NONA/BSP NONA/NEP
2941 (Canada)	Groundfish stock assessments for the west coast of Canada in 1985 and recommended yield options for 1986. A.V. Tyler, R.P. Foucher, and J. Fargo (editors), Fisheries and Oceans, Nanaimo, 1985 October.	1985 Sept. 27	B&R--NONA/NEP
2942 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1984. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1985 August.	1985 Sept. 27	B&R--NONA/NEP

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2943 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1984. J. Fulton, Fisheries and Oceans, Nanaimo, 1985 August.	1985 Sept. 27	B&R--NONA/NEP
2944 (Canada)	Continent of origin of steelhead, <u>Salmo gairdneri</u> , taken in the North Pacific Ocean in 1984, as determined by naturally occurring parasite "tags". L. Margolis, Fisheries and Oceans, Nanaimo, 1985 September.	1985 Sept. 27	B&R--S
2945 (Canada)	Recoveries of coded wire-tagged steelhead trout, <u>Salmo gairdneri</u> , in the central and western North Pacific Ocean in 1984 and recoveries of other fin-clipped or maxillary-clipped steelhead in 1983 and 1984 by Japanese research vessels. L. Margolis, Fisheries and Oceans, Nanaimo, 1985 September.	1985 Sept. 27	B&R--S
2946 (U.S.)	Condition of groundfish resources of the eastern Bering Sea and Aleutian Islands region in 1985 (Preliminary report). R.G. Bakkala and L.L. Low (editors), and D.H. Ito, S.A. McDevitt, D.K. Kimura, L.L. Ronholt, V.G. Wespestad, G.E. Walters, A.M. Shimada, G.G. Thompson, M.S. Alton, and J.J. Traynor, NMFS, Seattle.	1985 Sept. 30	B&R--NONA/BSP
2947 (U.S.)	United States research surveys conducted in 1985 and surveys planned for 1986 in the eastern Bering Sea. G.E. Walters, NMFS, Seattle, 1985 September.	1985 Sept. 30	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2948 (Canada/ U.S.)	Items of information on the halibut fishery in the Bering Sea and the northeast Pacific Ocean (requested from Canada and the United States in Doc. 2851, App. 2). IPHC, Seattle, 1985 October.	1985 Sept. 30	B&R--NONA/BSP NONA/NEP
2949 (Japan)	Recovery information for tagged groundfish in the Bering Sea and northeast Pacific in 1985. Fisheries Agency of Japan, 1985 September.	1985 Oct. 3	B&R--NONA/NEP
2950 (Japan)	Report on the fishing survey on flying squid by drift gillnetters, <u>Oumi maru</u> and <u>Kanki maru No. 58</u> in the North Pacific in 1984. Mamoru Murata and Chiomi Shingu, Fisheries Agency of Japan, 1985 September.	1985 Oct. 3	B&R--NONA/NEP
2951 (Japan)	Outline of 1985 research on marine mammals, especially Dall's porpoise relating to salmon gillnet fisheries. Fisheries Agency of Japan, 1985 September.	1985 Oct. 3	AHMM
2952 (U.S.)	Tag returns in 1985--United States high seas salmon tagging. FRI, Seattle, 1985 October.	1985 Oct. 9	B&R--S
2953 (U.S.)	Variation in salmon scale characters due to body area sampled. C.M. Knudsen and N.D. Davis, FRI, Seattle, 1985 September.	1985 Oct. 9	B&R--S
2954 (U.S.)	Steelhead age determination techniques. N.D. Davis and J.T. Light, FRI, Seattle, 1985 October.	1985 Oct. 9	B&R--S

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2955 (U.S.)	Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1985. C.K. Harris, FRI, Seattle, 1985 October.	1985 Oct. 9	B&R--S •
✓ 2956 (U.S.)	Food and feeding of steelhead trout in the epipelagic waters of the North Pacific Ocean. J.T. Light, FRI, Seattle, 1985 October.	1985 Oct. 9	B&R--S
2957 (U.S.)	Surface temperatures and distribution of steelhead trout ( <u>Salmo</u> spp.) relative to the boundaries of the Japanese drift gillnet fishery for flying squid ( <u>Ommastrephes bartrami</u> ). R.V. Walker and R.L. Burgner, FRI, Seattle, 1985 September.	1985 Oct. 9	B&R--S
✓ 2958 (U.S.)	Preliminary results of the 1985 eastern Bering Sea crab survey and the current status of crab stocks. B.G. Stevens, NMFS, Kodiak, 1985 September.	1985 Oct. 9	B&R--NONA/BSP
SLA 2959 (U.S.)	Summary of U.S. observer sampling of foreign and joint- venture fisheries in the northeast Pacific Ocean and eastern Bering Sea, 1984. J. Berger, J. Wall, and R. Nelson, Jr., NMFS, Seattle, 1985 October.	1985 Oct. 9	B&R--S B&R--NONA/BSP NONA/NEP
2960* (P.P.R.)	Polish statistics on discards by INPFC areas in 1984. Morski Instytut Rybacki W Gdyni, 1985 July.	1985 Sept. 9	B&R--S B&R--NONA/BSP NONA/NEP

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2961 (U.S.)	Progress report on the 1985 field research on Dall's porpoise incidentally taken by the Japanese salmon mothership gillnet fishery. L.L. Jones and J.M. Breiwick, NMFS, Seattle, 1985 October.	1985 Oct. 11	AHMM
2962 (U.S.)	Results and analysis of U.S. observations of the Japanese mothership salmon fishery during 1985. M.L. Dahlberg and M.C. Murphy, NMFS, Auke Bay, 1985 November.	1985 Oct. 15	B&R--S
2963 (U.S.)	Results of 1985 research on the high-seas squid driftnet fisheries of the North Pacific Ocean. S.E. Ignell, NMFS, Auke Bay, 1985 November.	1985 Oct. 15	B&R--S B&R--NONA/NEP
2964 (U.S.)	An analysis of the distribution of fishing effort and catch per unit effort in the Japanese landbased driftnet fishery, 1978-84. S.E. Ignell and M.L. Dahlberg, NMFS, Auke Bay, 1985 November.	1985 Oct. 15	B&R--S
2965 (U.S.)	Report of the incidence of coded-wire-tagged salmonids in catches of foreign commercial and research vessels operating in the North Pacific Ocean and Bering Sea during 1984-85. M.L. Dahlberg and S. Fowler, NMFS, Auke Bay, 1985 November.	1985 Oct. 15	B&R--S
✓ 2966 (U.S.)	United States crab research in the eastern Bering Sea during 1985. B.G. Stevens, NMFS, Seattle, 1985 October.	1985 Oct. 15	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2967 (U.S.)	Abundance of central Alaskan chinook salmon. D.E. Rogers, FRI, 1985 October.	1985 Oct. 16	B&R--S
2968 (U.S.)	Condition of groundfish resources of the Gulf of Alaska region as assessed in 1985 (Preliminary report). R.L. Major, NMFS, Seattle, 1985 October.	1985 Oct. 18	B&R--NONA/NEP
2969 (Japan)	Catch and effort statistics for the Japanese squid driftnet fishery in the North Pacific in 1984. Fisheries Agency of Japan, 1985 October.	1985 Oct. 22	B&R--NONA/NEP
2970* (Japan)	Release data of tagged groundfishes in the Bering Sea and northeast Pacific in 1981. Fisheries Agency of Japan, 1985 September. (SS)	1985 Oct. 24	B&R--NONA/BSP B&R--NONA/NEP
2971* (Japan)	Release data of tagged groundfishes in the Bering Sea and northeast Pacific in 1982. Fisheries Agency of Japan, 1985 September. (SS)	1985 Oct. 24	B&R--NONA/BSP B&R--NONA/NEP
2972* (Japan)	Release data of tagged groundfishes in the Bering Sea and northeast Pacific in 1983. Fisheries Agency of Japan, 1985 September. (SS)	1985 Oct. 24	B&R--NONA/BSP B&R--NONA/NEP
2973* (Japan)	Release data of tagged groundfishes in the Bering Sea and northeast Pacific in 1984. Fisheries Agency of Japan, 1985 September. (SS)	1985 Oct. 24	B&R--NONA/BSP B&R--NONA/NEP

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Doc. 2984

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

33rd Annual Meeting--1986

Anchorage, Alaska, 1986 November 4

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LIST OF DOCUMENTS--1986

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 32nd Annual Meeting--1985. It will be included in the bound proceedings of the 33rd Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are--

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
F&A	= Finance and Administration
AHMM	= Ad Hoc Marine Mammals

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are--

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 33rd Annual Meeting.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2984	LIST OF DOCUMENTS--1986		
2985 (P.P.R.)	Activities of the Polish fishing fleet in the northeast Pacific by INPFC statistical area, 1984 July to October. Morski Instytut Rybacki, W. Gdyni, 1985 May.	1985 Oct. 22	B&R--NONA/NEP
2986 (U.S.)	Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1985: Addendum including data for the fourth and last cruise. C.K. Harris, FRI, Seattle, 1986 January.	1986 Jan. 14	B&R--S
2987 (U.S.) Rev. 1	Plans for U.S. observations of the Japanese mothership salmon fishery within the U.S. EEZ during 1986. M.L. Dahlberg and M.C. Murphy, NMFS, Auke Bay, 1986 March.	1986 Feb. 10	B&R--S
2988 (Japan)	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1985. Fisheries Agency of Japan, 1986 February.	1986 Feb. 7	B&R--S AHMM
2989 (Japan)	Experiments to develop technology that would prevent the incidental catch of Dall's porpoise. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1986 March.	1986 Feb. 14	AHMM
2990 (Japan)	Experiment on recognition of salmon gillnet by porpoises. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Hiroshi Shimizu and Yoshiaki Maeda, Kamogawa Sea World Aquarium, and Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University.	1986 Feb. 14	AHMM

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2991 (Japan)	Basic studies on recognition of gear materials by porpoise. Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, and Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1986 March.	1986 Feb. 14	AHMM
2992 (Japan)	Test of new type sound generators. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1986 March.	1986 Feb. 14	AHMM
2993 (Japan)	Outline of sighting survey for marine mammals by Japanese salmon research vessels in 1985 and estimation of Dall's porpoise abundance in the Pacific Ocean. Mamoru Kato, Fisheries Agency of Japan, Tokyo, Japan, 1986 March.	1986 Feb. 14	AHMM
2994 (Japan)	Comparison of abundance estimation of Dall's porpoises by sighting surveys between salmon research vessels and a vessel dedicated for Dall's porpoise. Mamoru Kato, Fisheries Agency of Japan, Tokyo, Japan, and Nobuyuki Miyazaki, National Science Museum, Tokyo, Japan, 1986 March.	1986 Feb. 14	AHMM
2995 (Japan)	Acoustic study on Dall's porpoise in the Sea of Okhotsk off Hokkaido. Ken Ishii, Yoshi Hatakeyama, and Hajime Taketomi, National Research Institute of Fisheries Engineering, Tokyo, Japan, and Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, 1986 March.	1986 March 3	AHMM



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
2996 (Japan)	Seasonal and geographical features of incidental take of Dall's porpoise by salmon gillnet and examination of take rate by fishing area. Jun Ito, Fisheries Agency of Japan, Tokyo, Japan, 1986 February.	1986 March 3	AHMM
2997 (Japan)	Outline of the research by the dedicated vessel <u>Hoyo maru No. 12</u> in 1985. Haruo Ogi and Hiroyuki Tanaka, Faculty of Fisheries, Hokkaido University, and Toshiaki Kuramochi, Faculty of Agriculture, Tokyo University of Agriculture and Technology, and Yoshi Yamamoto, Faculty of Agriculture, Ehime University, 1986 March.	1986 March 3	AHMM
2998 (Japan)	Number of steelhead trout taken by Japanese landbased driftnet salmon fishery by 2°x5° area and 10-day period in 1985. Fisheries Agency of Japan, 1986 March.	1986 March 3	B&R--S
2999 (Japan)	Distribution and migration of <u>Salmo gairdneri</u> and <u>Salmo mykiss</u> in the North Pacific based on allelic variations of enzymes. Toshio Okazaki, Reprint from Japanese Journal of Ichthyology Vol. 32, No. 2: 203-215, 1985 August.	1986 March 3	B&R--S
3000 (Japan)	Proposed cruise plan of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1986. Fisheries Agency of Japan, 1986 March.	1986 March 3	B&R--S
3001 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1985. Fisheries Agency of Japan, 1986 March.	1986 March 3	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3002* (U.S.)	Data records from U.S.S.R.- U.S. cooperative high seas salmonid research in 1985. Circular No. 86-1, FRI, Seattle, 1986 February.  (Printout)	1986 March 3	B&R--S
3003	Report of the Ad Hoc Salmon Research Coordinating Group, Tokyo, 1986 March 4 to 8.		B&R--S
3004 (Japan)	Report on biological studies of Dall's porpoise taken by the dedicated vessel <u>Hoyo</u> <u>maru No. 12</u> cruise in 1985. Motoi Yoshioka, Fisheries Agency of Japan, 1986 March.	1986 March 8	AHMM
3005 (Japan)	Segregation of Dall's porpoise in the Bering Sea and western North Pacific by color type and reproductive status. Toshio Kasuya, Fisheries Agency of Japan, and Haruo Ogi, Faculty of Fisheries, Hokkaido University, 1986 March.	1986 March 10	AHMM
3006 (Japan)	Number of marine mammals taken incidentally by Japanese mothership gillnet and landbased driftnet salmon fisheries in 1985. Fisheries Agency of Japan, 1986 January.	1986 March 10	AHMM
3007 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1985. Fisheries Agency of Japan, 1986 March.	1986 March 10	AHMM
3008 (U.S.)	Monofilament gillnet acoustic study. E.A. Pence, Applied Physics Laboratory, University of Washington, Seattle, 1986 March.	1986 March 10	AHMM

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3009 (U.S.)	Estimation of the abundance of Dall's porpoise ( <u>Phocoenoides dalli</u> ) by shipboard sighting surveys. G.C. Bouchet, R.C. Ferrero, B.J. Turnock, National Marine Mammal Laboratory, NMFS, Seattle, 1986 February.	1986 March 10	AHMM
3010 (U.S.)	Report of working group on age determination of Dall's porpoise, held 15-18 July 1985 in Seattle, Washington. M. Gosho, L. Jones, and A. Wolman, National Marine Mammal Laboratory, NMFS, Seattle, T. Kasuya, Fisheries Agency of Japan, and N. Miyazaki, National Museum of Science, Tokyo, Japan, 1986 February.	1986 March 10	AHMM
3011 (U.S.)	Electrophoretic variability in the Dall's porpoise ( <u>Phocoenoides dalli</u> ) in the North Pacific Ocean and Bering Sea. G.A. Winans, NMFS, Seattle, and L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle.	1986 March 10	AHMM
3012 (U.S.)	Distribution and movement patterns of Dall's porpoise ( <u>Phocoenoides dalli</u> ) in the western North Pacific Ocean during June and July 1981-1984. R.C. Ferrero and L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1986 March.	1986 March 10	AHMM
3013 (U.S.)	Geographic variation of Dall's porpoise, <u>Phocoenoides dalli</u> , in the eastern North Pacific, Bering Sea, and southern fisheries conservation zone of the western North Pacific Ocean. W.A. Walker, Santa Barbara Museum of Natural History, and E.S. Hacker, National Marine Mammal Laboratory, NMFS, Seattle.	1986 March 10	AHMM

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3014 (U.S.)	Proposed plan for U.S. research on Dall's porpoise for 1986. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1986 February.	1986 March 10	AHMM
3015 (Japan)	The 1985 testing of fishing gears to prevent the incidental take of Dall's porpoise ( <u>Phocoenoides dalli</u> ). H. Ogiwara, K. Kataoka, H. Oba, T. Maeda, T. Sugiyama, and M. Narita, Northern Sea Salmon Mothership Council, Marine Mammal Project Team and Federation of Japan Salmon Fisheries Association, 1986 March.	1986 March 10	AHMM
3016 (Japan)	A biological study on Dall's porpoises incidentally taken by landbased salmon drift gillnet fishery, 1981-1985. Nobuyuki Miyazaki, National Science Museum, Tokyo, Japan, 1986 February.	1986 March 10	AHMM
3017 (Japan)	Morphological study on skull of Dall's porpoises in the northwestern North Pacific. Nobuyuki Miyazaki, National Science Museum, Tokyo, and Masao Amano, Faculty of Science, Kyoto University, 1986 March.	1986 March 10	AHMM
3018 (Japan)	The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1984. Fisheries Agency of Japan, 1986 March.	1986 March	AHMM
3019	REPORT OF THE SCIENTIFIC SUB-COMMITTEE OF THE AD HOC COMMITTEE ON MARINE MAMMALS, TOKYO, JAPAN, 1986 MARCH 10 to 15.		AHMM

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3020 (P.P.R.)	Activities of the Polish fishing fleet in the Gulf of Alaska by INPFC statistical area for 1984 October. Morski Instytut Rybacki, W. Gdyni, 1985 May.	1986 Feb. 17	B&R--NONA/NEP
3021 (P.P.R.)	Activities of the Polish fishing fleet in the Bering Sea and Aleutian Islands by INPFC statistical area for 1984 August-December. Morski Instytut Rybacki, W. Gdyni, 1985 May.	1986 Feb. 17	B&R--NONA/BSP
3022	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Shimizu, Japan, 1985 November 4 to 9.	1986 March 3	B&R--NONA/BSP
3023	Agenda for the Plenary Sessions--1986 Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		
3024 (Japan)	The Japanese proposal for an intensified research program. Fisheries Agency of Japan, 1986 April.	1986 April 6	B&R
3025	List of Participants--Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		
3026 (U.S.)	The effect of altering proportions of Asian chinook stocks on regional scale pattern analysis. K.W. Myers, FRI, Seattle, 1986 April.	1986 April 7	B&R--S
3027	Report of Informal Research Committee--Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3028	Recommendation for amendment of the Annex to the International Convention for the High Seas Fisheries of the North Pacific Ocean, Vancouver, Canada, 1986 April 9.		
3029	Summary minutes of the First plenary session--Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		
3030	Summary minutes of the Second plenary session--Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		
3031	Summary minutes of the Third (Final) plenary session--Extraordinary Meeting, Vancouver, Canada, 1986 April 7, 8, and 9.		
3032* (Japan)	Report of the survey on reducing incidental catches of species with low quota in the North Pacific in 1985. Fisheries Agency of Japan, 1986 March.  (SS)	1986 June 10	B&R--NONA/BSP NONA/NEP
3033	AGENDA FOR THE PLENARY SESSIONS--1986 ANNUAL MEETING		F&A
3034	AUDITORS' REPORT TO THE COMMISSION, 1985/86		F&A
3035	Details of items in the auditors' report for the 1985/86 fiscal period (INPFC Doc. 3034).		F&A
3036	Budget Estimate 1987/88 and Budget Forecast 1988/89.		F&A

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<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3037	Report on financial situation in the current fiscal year (1986/87).		F&A
3038	ADMINISTRATIVE REPORT FOR 1986		F&A
3039	STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLES III 1.(e) AND IX 2		F&A
3040	Report on the status of publications.		B&R F&A
3041	Treaties and agreements tabled since 1985 November 8.		F&A
3042 Rev. 1	List of material and data exchanges, 1985/86.		B&R--S
3043 (Japan) Rev. 1	Stock assessment of rockfishes, thornyheads, and flounders in the Gulf of Alaska in 1986. Kiyoshi Wakabayashi and Kazuyuki Teshima, Fisheries Agency of Japan, Tokyo, Japan, 1986 September.	1986 July 18	B&R--NONA/NEP
3044 (Japan)	Stock assessment of turbot in the eastern Bering Sea and Aleutian Islands region in 1986. Kiyoshi Wakabayashi and Kei-ichi Mito, Fisheries Agency of Japan, Tokyo, Japan, 1986 September.	1986 July 18	B&R--NONA/BSP
3045 (Japan) Rev. 1	Stock assessment of small- sized flounders in the eastern Bering Sea and Aleutian Islands region in 1986. Kiyoshi Wakabayashi, Fisheries Agency of Japan, 1986 September.	1986 July 18	B&R--NONA/BSP
3046 (P.P.R.)	Activities of the Polish fishing fleet in the Bering Sea and Aleutian Islands by INPFC statistical area, 1985 January, November, and December. Morski Instytut Rybacki w Gdyni, 1986 May.	1986 Aug. 29	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3047 (P.P.R.)	Activities of the Polish fishing fleet in the northeast Pacific by INPFC Statistical area, 1985 June to October. Morski Instytut Rybacki w Gdyni, 1986 May.	1986 Aug. 29	B&R--NONA/NEP
3048* (Japan)	Data records from salmon research vessels, 1985. I--Catch data. II--Oceanographic data. Fisheries Agency of Japan, 1986 June. (SS)	1986 Aug. 8	B&R--S
3049 (Japan)	Report on Japan-U.S. joint longline survey by <u>Anyo maru No. 21</u> in the eastern Bering Sea, Aleutian Region and Gulf of Alaska, 1983. Takashi Sasaki and Hitoshi Mizogoshi, Fisheries Agency of Japan, 1986 March.	1986 Sept. 8	B&R--NONA/BSP NONA/NEP
3050 (Japan) Rev. 1	Preliminary report on Japan-U.S. joint longline survey by <u>Fukuyoshi maru No. 8</u> in 1985. Takashi Sasaki, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3051 (Japan) Rev. 1	Preliminary report on Japan-U.S. cooperative groundfish surveys in the Aleutian region by <u>Ginryu maru No. 5</u> in 1986. Kei-ichi Mito, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP
3052 (Japan)	Report on the flying squid fishing survey by the drift gillnetter <u>Kanki maru No. 58</u> in the North Pacific in 1985. Mamoru Murata, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--S B&R--NONA/NEP

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3053 (Japan)	Stock assessment of Pacific cod in the eastern Bering Sea, Aleutian Islands region, and the Gulf of Alaska in 1986. Kazuyuki Teshima, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3054 (Japan)	Outline of the Japanese groundfish fishery in the Bering Sea in 1985 January-December and 1986 January-July. Kei-ichi Mito, Fisheries Agency of Japan, 1986 September.	1986 Sept. 17	B&R--NONA/BSP
3055 (Japan)	Outline of the Japanese groundfish fishery in the northeast Pacific in 1985 January-December and 1986 January-July. Kei-ichi Mito, Fisheries Agency of Japan, 1986 September.	1986 Sept. 17	B&R--NONA/NEP
3056 (Japan)	Outline of oceanographic conditions of the northwest Pacific during the summer of 1986. Kazuhiko Hiramatsu, Fisheries Agency of Japan, 1986 September.	1986 Sept. 18	B&R--S
3057 (Japan) Rev. 1	Analysis of pink salmon homing migration by tagging data. Kazuhiko Hiramatsu and Yukimasa Ishida, Fisheries Agency of Japan, 1986 September.	1986 Sept. 18	B&R--S
3058 (Japan) Rev. 1	Stock assessment of sablefish in the eastern Bering Sea, Aleutian Islands region, and Gulf of Alaska in 1986. Takashi Sasaki, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3059 (Japan)	Abundance and biological information on immature sockeye salmon in waters south of the Aleutian Islands in 1986 July. Kenji Takagi and Sotao Ito, Fisheries Agency of Japan, 1986 September.	1986 Sept. 18	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3060 (Japan)	Release data for Japanese salmon tagging experiments in 1986 and recovery data up to 1986 August. Jun Ito and Miki Ogura, Fisheries Agency of Japan, 1986 September.	1986 Sept. 24	B&R--S
3061 (Japan) Rev. 1	Stock assessment of rockfishes and thornyheads in the eastern Bering Sea and Aleutian Islands region in 1986. Keiichi Mito and Kiyoshi Wakabayashi, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3062 (Japan)	Data report on abundance indices of flatfishes, rockfishes, shortspine thornyhead, and grenadiers based on the results from Japan-U.S. joint longline surveys, 1979-1985. Takashi Sasaki and Kazuyuki Teshima, Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3063 (Japan) Rev. 1	Japanese research in 1986 and research planned for 1987 on groundfish stocks in the Bering Sea, Aleutian Islands, and northeastern Pacific. Fisheries Agency of Japan, 1986 September.	1986 Sept. 11	B&R--NONA/BSP NONA/NEP
3064 (Japan) Rev. 1	Stock assessment of pollock in the eastern Bering Sea in 1986. Takashi Sasaki, Fisheries Agency of Japan, 1986 September.	1986 Sept. 26	B&R--NONA/BSP
3065 (Japan) Rev. 1	Outline of Japanese salmon investigations in offshore waters of the North Pacific Ocean in 1986. Kenji Takagi, Fisheries Agency of Japan, 1986 September.	1986 Sept. 18	B&R--S

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3066 (Japan)	Scale pattern analysis of coho salmon in the northwest North Pacific Ocean using materials obtained by salmon research vessels in 1976. Mamoru Kato and Yukimasa Ishida, Fisheries Agency of Japan, 1986 September.	1986 Sept. 24	B&R--S
3067 (Japan) Rev. 1	Further analysis of stock identification of chinook salmon in offshore waters in 1974. Jun Ito, Yukimasa Ishida, and Sotao Ito, Fisheries Agency of Japan, 1986 September.	1986 Sept. 24	B&R--S
3068 (Japan) Rev. 1	Summary report on Japanese salmon investigations in 1986. Kenji Takagi, Fisheries Agency of Japan, 1986 September.	1986 Sept. 29	B&R--S
3069* (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/BSP
3070* (Japan)	Catch statistics of Japanese groundfish fisheries in the northeast Pacific, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/NEP
3071* (Japan)	Catch statistics of halibut caught or discarded by Japanese groundfish fisheries in the Bering Sea, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/BSP

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3072* (Japan)	Catch statistics of halibut discarded by Japanese groundfish fisheries in the northeast Pacific, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/NEP
3073* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/BSP
3074* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the northeast Pacific, 1985 January to December. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 26	B&R--NONA/NEP
3075* (Japan)	Catch statistics of Japanese landbased dragnet fishery in the Bering Sea region, 1985. Fisheries Agency of Japan, 1986 August. (Printout)	1986 Sept. 29	B&R--NONA/BSP
3076* (Japan)	Age and maturity data of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1985. Fisheries Agency of Japan, 1986 September. (Printout)	1986 Sept. 29	B&R--S
3077 (Japan)	Preliminary catch records in the Bering Sea, 1986 January-July. Fisheries Agency of Japan, 1986 September.	1986 Oct. 1	B&R--NONA/BSP

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3078 (Japan)	Preliminary catch records in the northeast Pacific, 1986 January-July. Fisheries Agency of Japan, 1986 September.	1986 Oct. 1	B&R--NONA/NEP
3079 (P.P.R.)	Polish statistics on discards in INPFC areas in 1985. Morski Instytut Rybacki W Gdyni, 1986 May.	1986 Sept. 19	B&R--S B&R--NONA/BSP NONA/NEP
3080 (Canada/ U.S.)	Items of information on the halibut fishery in the Bering Sea and the northeast Pacific Ocean (requested from Canada and the United States in Doc. 2974, App. 2). IPHC, Seattle, 1986 October.	1986 Sept. 26	B&R--NONA/BSP NONA/NEP
3081 (U.S.)	Tag returns in 1986--United States high seas salmon tagging. FRI, Seattle, 1986 October.	1986 Sept. 26	B&R--S
3082 (U.S.)	Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1986. G.A. Kautsky and C.K. Harris, FRI, Seattle, 1986 September.	1986 Sept. 26	B&R--S
3083 (U.S.)	United States research surveys conducted in 1986 and surveys planned for 1987 in the eastern Bering Sea and Aleutian Islands. A.M. Shimada and G.E. Walters, NMFS, Seattle, 1986 September.	1986 Sept. 26	B&R--NONA/BSP
3084 (U.S.)	United States crab research in the eastern Bering Sea during 1986. B.G. Stevens, R.A. MacIntosh, and K. Stahl-Johnson, NMFS, Seattle, 1986 September.	1986 Sept. 26	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3085 (U.S.)	Condition of groundfish resources of the eastern Bering Sea and Aleutian Islands region in 1986 (Preliminary report). R.G. Bakkala and J.W. Balsiger (editors), and D.H. Ito, S.A. McDevitt, L.L. Ronholt, G.G. Thompson, G.E. Walters, D.K. Kimura, V.G. Wespestad, M.S. Alton, J.J. Traynor, K.L. Halliday, and A.M. Shimada, NMFS, Seattle.	1986 Sept. 26	B&R--NONA/BSP
3086 (Canada/ U.S.)	Japanese ocean salmon research synopsis of observations aboard <u>Shin Riasu maru</u> , 11 June to 20 July 1986. J.T. Light, FRI, Seattle, and R. LeBrasseur, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 2	B&R--S
3087 (Canada)	Data record: flying squid driftnet and oceanographic cruise by <u>W.E. Ricker</u> , August-September 1986. F.R. Bernard, Fisheries and Oceans, Nanaimo, 1986 October.	1986 Oct. 2	B&R--S
3088 (Canada)	Adipose clipped fish returns in 1986--Japanese port sampling program. Fisheries and Oceans, Nanaimo, 1986 October.	1986 Oct. 2	B&R--S
3089 (Canada)	Canadian regulations on non-domestic fisheries, 1977-86. S.J. Westrheim, Fisheries and Oceans, Nanaimo, 1986 October.	1986 Oct. 2	B&R--NONA/NEP
3090 (Canada)	Canadian field research studies for 1986 in the northeast Pacific. A. Cass, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 2	B&R--NONA/NEP
3091 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific Coast, 1970-85. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 2	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3092 (Canada)	Summary of 1986 herring stock assessment. V. Haist and J. Schweigert, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 2	B&R--NONA/NEP
3093 (Canada)	Catch statistics for the Canadian albacore fisheries, 1952-1985. C.C. Wood, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 2	B&R--NONA/NEP
3094 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1985. J.D. Fulton, Fisheries and Oceans, 1986 September.	1986 Oct. 2	B&R--NONA/NEP
3095 (Canada)	An inventory of biological samples taken in the British Columbia groundfish fishery during 1984. B.L. Hamer, N.L. Venables, F.R. Crabbe, and J.B. Lucas, Fisheries and Oceans, Nanaimo, 1986 October.	1986 Oct. 6	B&R--NONA/NEP
3096 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1985. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 6	B&R--NONA/NEP
3097 (Canada)	Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1985. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 6	B&R--NONA/NEP
3098 (Canada)	Groundfish stock assessments for the west coast of Canada in 1986 and recommended yield options for 1987. A.V. Tyler and M.W. Saunders (editors), Fisheries and Oceans, Nanaimo, 1986 September.	1986 Oct. 6	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3099 (Japan)	Outline of 1986 research on marine mammals, particularly Dall's porpoise relating to salmon gillnet fisheries. Fisheries Agency of Japan, 1986 September.	1986 Oct. 6	AHMM
3100 (Japan)	Incidental catch of prohibited species in Japanese groundfish fisheries in the North Pacific, 1985 January-December. Fisheries Agency of Japan, 1986 September.	1986 Oct. 8	B&R--S B&R--NONA/BSP NONA/NEP
3101 (Japan)	Vessel and gear specification of the Japanese fishery operated in the northeast Pacific in 1985. Fisheries Agency of Japan, 1986 September.	1986 Oct. 8	B&R--NONA/BSP NONA/NEP
3102 (Japan)	A review of the experiments for developing selective trawl gears and methods: 1981 through 1985. Keiichiro Mori, Fisheries Agency of Japan, 1986 July.	1986 Oct. 8	B&R--S B&R--NONA/BSP NONA/NEP
3103 (Japan)	Preliminary report of Japan-U.S. joint survey on reducing incidental catches of low quota species in the North Pacific in 1986. Tadashi Inada, Fisheries Agency of Japan, 1986 September.	1986 Oct. 9	B&R--S B&R--NONA/BSP NONA/NEP
3104 (U.S.)	Progress report on 1986 research on Dall's porpoise. L.L. Jones and J.M. Breiwick, NMFS, Seattle, 1986 October.	1986 Oct. 14	AHMM
3105 (U.S.)	Use of dorsal fin measurements in the identification of hatchery steelhead in high seas catches. J.T. Light, FRI, Seattle, 1986 September.	1986 Oct. 14	B&R--S



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3106 (U.S.)	Distribution and relative abundance of summer and winter steelhead in the North Pacific Ocean in 1983 and 1984. J.T. Light, FRI, Seattle, 1986 October.	1986 Oct. 14	B&R--S
3107 (U.S.)	Catches of North American sockeye salmon ( <u>Oncorhynchus nerka</u> ) by the Japanese high seas salmon fisheries, 1972-84. C.K. Harris, FRI, Seattle, 1986 October.	1986 Oct. 14	B&R--S
3108 (U.S.)	Summary of U.S. observer sampling of foreign and joint-venture fisheries in the northeast Pacific Ocean and eastern Bering Sea, 1985. J. Berger, J. Wall, and R. Nelson, Jr., NMFS, Seattle, 1986 October.	1986 Oct. 14	B&R--S B&R--NONA/BSP NONA/NEP
3109 (U.S.)	Condition of groundfish resources in the Gulf of Alaska region as assessed in 1986. R.L. Major, NMFS, Seattle, 1986 October.	1986 Oct. 14	B&R--NONA/NEP
3110 (Japan)	Revised Doc. 2848-- Catch and effort statistics for the Japanese squid drift gillnet fishery in the North Pacific in 1983. Fisheries Agency of Japan, 1984 October.	1986 Oct. 17	B&R--S B&R--NONA/NEP
3111 (Japan)	Revised Doc. 2969-- Catch and effort statistics for the Japanese squid drift gillnet fishery in the North Pacific in 1984. Fisheries Agency of Japan, 1985 October.	1986 Oct. 17	B&R--S B&R--NONA/NEP
3112 (Japan)	Catch and effort statistics for the Japanese squid driftnet fishery in the North Pacific in 1985. Fisheries Agency of Japan, 1986 September.	1986 Oct. 23	B&R--S B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3113 (Japan)	Report on Japan-U.S. joint longline survey by <u>Ryusho</u> <u>maru No. 15</u> in the eastern Bering Sea, Aleutian region, and Gulf of Alaska, 1984. Takashi Sasaki and Takao Iwami, Fisheries Agency of Japan, 1986 September.	1986 Oct. 23	B&R--NONA/BSP NONA/NEP
3114 (U.S.)	Results of 1986 cooperative research on the distribution of marine debris in the North Pacific Ocean. S.E. Ignell and M.L. Dahlberg, NMFS, Auke Bay, 1986 November.	1986 Oct. 23	
3115 (U.S.)	An analysis of U.S. observations of the Japanese mothership salmon fishery during 1986. M.L. Dahlberg and M.C. Murphy, NMFS, Auke Bay, 1986 November.	1986 Oct. 23	B&R--S
3116 (U.S.)	Distribution and density of plastic particulates in the North Pacific Ocean in 1986. R.H. Day, Institute of Marine Sciences, Fairbanks, and D.M. Clausen and S.E. Ignell, NMFS, Auke Bay, 1986 November.	1986 Oct. 23	
3117 (U.S.)	Incidence of coded-wire tagged salmonids in catches of foreign commercial and research vessels operating in the North Pacific Ocean and Bering Sea in 1985-1986. M.L. Dahlberg, F.P. Thrower, and S. Fowler, NMFS, Auke Bay, 1986 November.	1986 Oct. 23	B&R--S
3118* (Japan)	Release data of tagged groundfishes in the Bering Sea and northeast Pacific in 1985. Fisheries Agency of Japan, 1986 September. (SS)	1986 Oct. 23	B&R--NONA/BSP NONA/NEP

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\*not available for general distribution--see explanation on page 1

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3119 (Japan)	Recovery information for tagged groundfish in the Bering Sea and northeast Pacific in 1986. Fisheries Agency of Japan, 1986 September.	1986 Oct. 26	B&R--NONA/BSP NONA/NEP
3120 (U.S.)	Summary of western Alaska chinook salmon catch data, escapement data, and status of stocks. D.M. Eggers, Alaska Department of Fish and Game, Juneau, 1986 October.	1986 Oct. 27	B&R--S

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as of 1986 October 27, 1030

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

34th Annual Meeting--1987

Vancouver, Canada, November 3, 1987

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LIST OF DOCUMENTS--1987

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 33rd Annual Meeting--1986. It will be included in the bound proceedings of the 34th Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are--

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
B&R--MM	= Biology and Research--re marine mammals
F&A	= Finance and Administration

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are--

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 34th Annual Meeting.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3129	LIST OF DOCUMENTS--1987		
3130	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, 1986 June 23 to 27.	1986 Nov. 24	B&R--NONA/BSP --NONA/NEP
3131	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, 1986 November 3 to 7.	1987 Jan. 16	B&R--NONA/BSP --NONA/NEP
3132 (Japan) Rev. 1	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1986. Fisheries Agency of Japan, 1987 February.	1987 Feb. 2	B&R--S --MM
3133 (Japan)	Capture of Dall's porpoise and its acoustic studies. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo Japan, Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, and Shigeru Sakakibara and Hiroshi Shimizu, Kamogawa Sea World, Chiba, Japan, 1987 March.	1987 Feb. 6	B&R--MM
3134 (Japan)	Observation of bottlenose dolphin's behavior to salmon gillnet. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1987 March.	1987 Feb. 9	B&R--MM
3135 (Japan)	Test of sound generator. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1987 March.	1987 Feb. 9	B&R--MM

Doc. no. & origin	Title, author, date, etc.	Date received by Secretariat	Committee
3142 (Japan)	Number of steelhead trout taken by Japanese landbased driftnet salmon fishery by 2°x5° area and ten-day period in 1986. Fisheries Agency of Japan, 1987 March.	1987 March	B&R--S
✓ 3143 (U.S.)	Observations of the co-occurrence of squid and salmonids in the central North Pacific Ocean during the summer of 1986. M.L. Dahlberg and M.F. Sigler, NMFS, Auke Bay, 1987 March.	1987 March	B&R--S
3144 (Japan/ U.S.) Rev. 1	Agreed plans between U.S. and Japan for U.S. observations of the Japanese mothership salmon fishery within the U.S. FCZ during 1987. Fisheries Agency of Japan, Tokyo, Japan, NMFS, Seattle, 1987 March.	1987 March	B&R--S
3145 (Japan)	The 1986 testing of fishing gears to prevent the incidental take of Dall's porpoise ( <u>Phocoenoides dalli</u> ). H. Ogiwara, H. Ohba, T. Sugiyama, M. Narita, K. Kataoka, T. Maeda, K. Snow, Northern Sea Salmon Mothership Council, Marine Mammal Project Team and Federation of Japan Salmon Fisheries Association, 1987 March.	1987 March	B&R--MM
3146 (Japan)	Biological study on Dall's porpoises incidentally taken by the salmon drift gillnet in the landbased fishery area, 1981-1986. Nobuyuki Miyazaki, National Science Museum, Tokyo, Japan, 1987 March.	1987 March	B&R--MM
3147 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1986. Fisheries Agency of Japan, 1987 March.	1987 March	B&R--MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3155 (U.S.)	Progress report on the age structure, growth and age at sexual maturity of Dall's porpoise. M.E. Gosho and L.L. Jones, National Marine Mammal Laboratory, NMFS, 1987 March.	1987 March	B&R--MM
3156 (U.S.)	Comprehensive report on the incidental take, biology and status of Dall's porpoise. L.L. Jones, National Marine Mammal Laboratory, NMFS, 1987 March.	1987 March	B&R--MM
3157 (U.S.)	U.S. research on Dall's porpoise, 1987. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1987 March.	1987 March	B&R--MM
3158 (Japan)	Results of the Transpacific Dall's porpoise research cruise by the <u>Hoyo maru</u> No. 12 in 1986. Motoi Yoshioka, Whales Research Institute, Miki Ogura, Fisheries Agency of Japan, and Chuzo Shikano, Faculty of Science, University of Ryukyu, 1987 March.	1987 March	B&R--MM
3159	REPORT OF THE SCIENTIFIC MEETING ON MARINE MAMMALS, TOKYO, JAPAN, 1987 MARCH 10 TO 14.		B&R--MM
3160* (Japan)	Data records from salmon research vessels 1986 I-Catch data. II--Oceanographic data. Fisheries Agency of Japan 1987 June. (SS)	1987 June	B&R--S
3161* (U.S.)	Data records from U.S.S.R.-U.S. cooperative high seas salmonid research in 1986. (SS)	1987 July	B&R--S

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\*not available for general distribution--see explanation on page 1

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3174	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, 1987 June 1 to 5.	1987 August 24	B&R--NONA/BSP --NONA/NEP
3175	Report of the Steering Committee for the Standing Committee on Biology and Research, Tokyo, 1987 August 17 to 18.		B&R--NONA/BSP --NONA/NEP --MM --S
3176 (Japan)	Outline of the Japanese groundfish fishery in the northeast Pacific in 1986 January-December and 1987 January-July. Taku Yoshimura, Fisheries Agency of Japan, 1987 September.	1987 Sept. 9	B&R--NONA/NEP
3177 (Japan)	Preliminary report on the Japan-U.S. cooperative groundfish survey in the Gulf of Alaska by <u>Taisei maru No. 35</u> in 1987. Kei-ichi Mito, Fisheries Agency of Japan, 1987 September.	1987 Sept. 9	B&R--NONA/NEP
3178 (Japan)	Stock assessment of pollock in the eastern Bering Sea in 1987. Takashi Sasaki, Fisheries Agency of Japan, 1987 September.	1987 Sept. 9	B&R--NONA/BSP
3179 (Japan)	Stock assessment of small-sized flounders in the eastern Bering Sea and Aleutian Islands Region in 1987. Kiyoshi Wakabayashi, Taku Yoshimura, Fisheries Agency of Japan, 1987 September.	1987 Sept. 9	B&R--NONA/BSP



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3186 (Japan)	Outline of oceanographic conditions of Northwest Pacific during the summer of 1987. Kazuhiko Hiramatsu, Fisheries Agency of Japan, 1987 September.	1987 Sept. 9	B&R--S
3187 (Japan)	Comprehensive report on researches of marine mammals in the North Pacific Ocean, relating to Japanese salmon driftnet fisheries, 1984-1986. Kenji Takagi, Fisheries Agency of Japan, 1987 February.	1987 Sept. 9	B&R--MM
3188 (Japan)	Outline of the Japanese groundfish fishery in the Bering Sea in 1986 January-December and 1987 January-July. Taku Yoshimura, Fisheries Agency of Japan, 1987 September.	1987 Sept. 11	B&R--NONA/BSP
3189 (Japan)	Past progress and present condition of the Japanese pollock fishery in the Aleutian Basin. Takashi Sasaki and Taku Yoshimura, Fisheries Agency of Japan, 1987 September.	1987 Sept. 11	B&R--NONA/BSP
3190 (Japan)	Estimation of distribution of the marine debris based on the 1986 sighting survey. Shinichi Mio and Shuichi Takehama, Fisheries Agency of Japan, 1987 September.	1987 Sept. 11	B&R--NONA/NEP --NONA/BSP
3191 (Japan)	Outline of Japanese salmon investigations in the offshore waters of the North Pacific Ocean in 1987. Kenji Takagi, Fisheries Agency of Japan, 1987 September.	1987 Sept. 11	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
✓ 3198 (Japan)	Report on fishing survey on flying squid by the drift gillnetters <u>Shoyo maru</u> , <u>Kuromori maru No. 38</u> , and <u>Kanki maru No. 58</u> in the North Pacific in 1986. Mamoru Murata, Fisheries Agency of Japan, 1987 September.	1987 Sept. 17	B&R--NONA/NEP --S
3199 (Japan)	Preliminary report on the use of parasites as biological tags for the stock identification of ocean-caught chinook salmon, <u>Oncorhynchus tshawytscha</u> . Kazuya Nagasawa, Hokkaido Fisheries Experimental Station, and Shigehiko Urawa, Hokkaido Salmon Hatchery, 1987 September.	1987 Sept. 24	B&R--S
3200 (Japan)	Summary report on Japanese salmon investigations in 1987. Kenji Takagi, Fisheries Agency of Japan, 1987 September.	1987 Sept. 25	B&R--S
3201 (Japan)	Outline of 1987 research on marine mammals, particularly Dall's porpoise relating to salmon gillnet fisheries. Mamoru Kato and Kenji Takagi, Fisheries Agency of Japan, 1987 September.	1987 Sept. 25	B&R--MM
3202 (Japan)	Data report of abundance indices of flatfishes, rockfishes, shortspine thornyhead and grenadiers based on the results from Japan-U.S. joint longline surveys, 1979-1986. Takashi Sasaki and Kazuyuki Teshima, Fisheries Agency of Japan, 1987 September.	1987 Sept. 29	B&R--NONA/BSP --NONA/NEP
3203 (Japan)	Preliminary catch records in the Bering Sea, 1987 January-July. Fisheries Agency of Japan, 1987 September.	1987 Sept. 29	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3211 (Canada)	Biochemical genetic survey and stock identification of chum salmon ( <u>Oncorhynchus keta</u> ) in British Columbia. T.D. Beacham, A.P. Gould, R.E. Withler, C.B. Murray and L.W. Barner, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--S
3212 (Canada)	Ocean salmon studies in the Pacific Subarctic boundary area. R. LeBrasseur, B. Riddell and T. Gjernes, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--S
3213 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1986. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--NONA/NEP
3214 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific Coast in 1986. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--NONA/NEP
3215 (Canada)	Incidence of lost or discarded drift nets recovered in Canadian waters during 1986, and preliminary observations for 1987. N.B. Hargreaves, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--NONA/NEP
3216 (Canada)	Summary of 1987 herring stock assessment. V. Haist and J. Schweigert, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--NONA/NEP
3217 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific coast, 1970-86. J.E. Leaman, Fisheries and Oceans, Nanaimo, 1987 October.	1987 Oct. 2	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3225* (Japan)	Catch statistics of halibut discarded by Japanese ground-fish fisheries in the northeast Pacific, 1986 January to December. Fisheries Agency of Japan, 1987 September. (Printout)	1987 Oct. 8	B&R--NONA/NEP
3226* (Japan)	Size composition of samples collected by Japanese ground-fish fisheries in the Bering Sea, 1986 January to December. Fisheries Agency of Japan, 1987 September. (Printout)	1987 Oct. 8	B&R--NONA/BSP
3227 (Japan)	Cluster analysis of chinook salmon stocks by scale characters. Yukimasa Ishida, Miki Ogura and Jun Ito, Fisheries Agency of Japan, 1987 September.	1987 Oct. 8	B&R--S
3228 (Canada/ U.S.)	Items of information on the halibut fishery in the Bering Sea and the northeast Pacific Ocean (requested from Canada and the United States in Doc. 3121, App. 2). IPHC, Seattle, 1987 October.	1987 Oct. 9	B&R--NONA/BSP --NONA/NEP
3229 (U.S.)	United States crab research in the eastern Bering Sea during 1987. B.G. Stevens, R.A. MacIntosh and R.S. Otto, NMFS, Seattle, 1987 September.	1987 Oct. 9	B&R--NONA/BSP
3230 (U.S.)	Tag returns in 1987--United States high seas salmon tagging. FRI, Seattle, 1987 September.	1987 Oct. 9	B&R--S
3231 (U.S.)	United States research conducted in 1987 and surveys planned for 1988 in the eastern Bering Sea. T.M. Sample, NMFS, Seattle, 1987 September.	1987 Oct. 9	B&R--NONA/BSP

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\*not available for general distribution--see explanation on page 1

Doc. no. & origin	Title, author, date, etc.	Date received by Secretariat	Committee
3238 (U.S.)	Results of an analysis of U.S. observations of the Japanese mothership salmon fishery during 1987. M.L. Dahlberg and M.C. Murphy, NMFS, Auke Bay, 1987 October.	1987 Oct. 14	B&R--S
3239 (U.S.)	Incidence of coded-wire-tagged salmonids in catches of foreign commercial and research vessels operating in the North Pacific Ocean and Bering Sea in 1986-1987. M.L. Dahlberg, F.P. Thrower and S. Fowler, NMFS, Auke Bay, 1987 October.	1987 Oct. 14	B&R--S
3240 (Japan)	Age and maturity data of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1986. Fisheries Agency of Japan, 1987 September.	1987 Oct. 15	B&R--S
3241 (Japan)	Measurement of scale characters of chum and pink salmon by Optical Pattern Recognition System. J. Ito, Fisheries Agency of Japan, 1987 September.	1987 Oct. 15	B&R--S
3242* (Japan)	Release data of tagged ground-fishes in the Bering Sea and northeast Pacific in 1986. Fisheries Agency of Japan, 1987 September.  (SS)	1987 Oct. 15	B&R--NONA/BSP --NONA/NEP
3243 (Japan)	Report on Japan-U.S. joint longline survey by <u>Fukuyoshi maru No. 8</u> in the eastern Bering Sea, Aleutian Region and Gulf of Alaska, 1985. T. Sasaki and J. Fukui, Far Seas Fisheries Research Laboratory, 1987 September.	1987 Oct. 15	B&R--NONA/BSP --NONA/NEP
3244 (U.S.)	Research report on 1987 research on Dall's porpoise. L.L. Jones, NMFS, Seattle, 1987 October.	1987 Oct. 15	B&R--MM

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INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION  
6640 Northwest Marine Drive  
Vancouver, Canada V6T 1X2

CIRCULAR LETTER NO. 1602 1988 April 12

To : Commissioners  
From : Executive Director  
Subject : Documents Received  
Action : None--for your information

The following documents were submitted for consideration at two meetings of the Ad Hoc Salmon Research Coordinating Group (March 10-12) and of the Sub-Committee on Marine Mammals (March 14-17) which were held in Tokyo.

INPFC

<u>Doc. No.</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3261 (Japan)	Observation of Harbor porpoise's behavior to salmon gillnet. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, and Teruo Tobayama, Kamogawa Sea World, Chiba, Japan. 1988 February.	B&R--MM
3262 (Japan)	Acoustic surveys on Commerson's Dolphin. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, and Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, 1988 March.	B&R--MM

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|--------------------------|---|---------|
| 3263<br>(Japan)          | Outline of sighting survey for marine mammals by Japanese salmon research vessels in 1987 and estimation of Dall's porpoise abundance in the North Pacific Ocean. Mamoru Kato, Fisheries Agency of Japan, Tokyo, Japan, 1988 March.   | B&R--MM |
| 3264<br>(Japan)          | Test of sound generator. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1988 February.   | B&R--MM |
| 3265<br>(Japan)          | Allozyme variation in Dall's porpoise ( <u>Phocoenoides dalli</u> ) in the eastern and central North Pacific. Shiro Wada, Fisheries Agency of Japan. Etsuko Shimura and Ken-ichi Numachi, Ocean Research Institute, University of Tokyo, Tokyo, Japan, 1988 February.   | B&R--MM |
| 3266<br>(Japan)          | Number of marine mammals taken incidentally by Japanese mothership gillnet and land-based driftnet salmon fisheries in 1987. Fisheries Agency of Japan, 1988 March.   | B&R--MM |
| 3267<br>(Japan)          | The 1987 testing of fishing gears to prevent the incidental take of Dall's Porpoise ( <u>Phocoenoides dalli</u> ). K. Snow, T. Ozaki, H. Ohba, T. Maeda, T. Sugiyama, M. Narita. Northern Sea Salmon Mothership Council, Marine Mammal Project Team and Federation of Japan Salmon Fisheries Association, 1988 March. | B&R--MM |
| 3268<br>(U.S.)<br>Rev. 1 | Plans for U.S. observations of the Japanese mothership salmon fishery within the U.S. EEZ during 1988. M.L. Dahlberg, NMFS, Auke Bay, 1988 March.   | B&R--MM |

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- 3269 (Japan) Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1987. Fisheries Agency of Japan, 1988 February. B&R--S  
--MM
- 3270 (Japan) The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1986. Fisheries Agency of Japan, 1988 February. B&R--MM
- 3271 (Japan) Report of the second transpacific research cruise on Dall's porpoise by the Hoyo maru No. 12 in 1987, Motoi Yoshioka, Institute of Cetacean Research, 1988 March. B&R--MM
- 3272 (Japan) Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1987. Fisheries Agency of Japan, 1988 March. B&R--S
- 3273 (Japan) Proposed cruise plans of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1988. Fisheries Agency of Japan, 1988 March. B&R--S  
--MM
- 3274 (Japan) Number of steelhead trout taken by Japanese landbased driftnet salmon fishery by 2°x5° area and 10-day period in 1987. Fisheries Agency of Japan, 1988 March. B&R--S
- 3275 (Japan) Proposed plans for port sampling survey in 1988. Fisheries Agency of Japan, 1988 March. B&R--S
- 3276 (Japan) Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1987. Fisheries Agency of Japan, 1988 March. B&R--MM



- 3277 REPORT OF THE AD HOC SALMON RESEARCH COORDINATING GROUP, TOKYO, JAPAN, 1988 MARCH 10 TO 12. B&R--S  
B&R--MM
- 3278 Identity of four dalli-type Dall's porpoise stocks in the northern North Pacific and Bering Sea. Motoi Yoshioka, Institute of Cetacean Research and Toshio Kasuya, Fisheries Agency of Japan, 1988 March. B&R--MM
- 3279 Distribution and incidental take of marine mammals in the area of the high seas squid driftnet fishery. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March. B&R--MM
- 3280 Report on the biology of mal/e ~~Dall's~~ Dall's porpoise in the western North Pacific and Bering Sea. L.L. Jones, M.E. Goshko, D.W. Rice, A. Wolman, M.M. Muto, National Marine Mammal Laboratory, NMFS, Seattle, and William A. Walker, Santa Barbara Museum of Natural History, Santa Barbara, 1988. B&R--MM
- 3281 Estimation of the effect of responsive movement and missed animals from independent observer experiments for Dall's porpoise on the Hokusei maru and the Miller Freeman cruises. Benjamin J. Turnock, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March. B&R--MM
- 3282 Trends in abundance of Dall's porpoise. Benjamin J. Turnock, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March. B&R--MM

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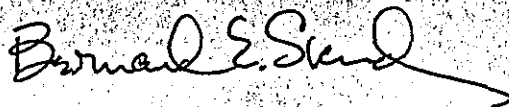
REPORT OF THE SCIENTIFIC MEETING  
ON MARINE MAMMALS, TOKYO, JAPAN,  
1988 MARCH 14 TO 18.

B&R--MM

These documents will be referred to the standing committee on Biology and Research at the 1988 Annual Meeting.

Copies of Doc. 3277 (Salmon Research Group) and Doc. 3283 (Marine Manuals) are being forwarded to those whose names are asterisked below.

Copies of all documents are available on request and will be available at the 1988 Annual Meeting.



Bernard E. Skud  
Executive Director

\*Enclosures

Distribution Nishimura\*, Tokinoya\*, Unno (3)\*, Sasaki, Kawakami\*, Shima\*, Hayasi (3)\*, Nogami (2)\*, Ohsumi\*, Ohashi\*, Morimoto\*, Komatsu\*, Takehama\*, Ambassadors (Washington D.C., Ottawa), Consuls-General (Vancouver, Anchorage, and Seattle)

Asselin\*, Garcia\*, Florian\*, Davis\*, Beamish (2)\*, Margolis\*, Bernard\*, McFarlane, Graham\*, Kowal\*, Friesen\*, Meerburg\*, Fish. & Fish Prod. Div./TAF  
External Affairs (Ottawa)

Tillion\*, McVey\*, Alverson\*, Lauber\*, Ford\*, Herrfurth\*, Aron\*, Marasco\*, Low (5)\*, Burgner\*, Schmitt\*, Dahlberg\*, C.H. Meacham, Otto, C.P. Meacham\*, Eggers\*, Arvey\*, Pennoyer\*, Jones\*, Beiningen\*, Rasmuson

cc: K. Myers (Salmon Rapporteur)(Doc. 3277)

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

35th Annual Meeting--1988

Tokyo, Japan, November 1, 1988

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LIST OF DOCUMENTS--1988

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 34th Annual Meeting--1987. It will be included in the bound proceedings of the 35th Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are--

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
B&R--MM	= Biology and Research--re marine mammals
F&A	= Finance and Administration

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are--

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 35th Annual Meeting.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3259	LIST OF DOCUMENTS--1988		
3260	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, NMFS, Seattle, 1987 November 2 to 6.	1988 Feb. 15	B&R--NONA/BSP --NONA/NEP
3261 (Japan)	Observation of Harbor porpoise's behavior to salmon gillnet. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, and Teruo Tobayama, Kamogawa Sea World, Chiba, Japan. 1988 February.	1988 Feb. 4	B&R--MM
3262 (Japan)	Acoustic surveys on Commerson's Dolphin. Yoshimi Hatakeyama and Ken Ishii, National Research Institute of Fisheries Engineering, Tokyo, Japan, and Hideo Soeda and Tetsuya Shimamura, College of Agriculture and Veterinary Science, Nihon University, Tokyo, Japan, 1988 March.	1988 Feb. 4	B&R--MM
3263 (Japan)	Outline of sighting survey for marine mammals by Japanese salmon research vessels in 1987 and estimation of Dall's porpoise abundance in the North Pacific Ocean. Mamoru Kato, Fisheries Agency of Japan, Tokyo, Japan, 1988 March.	1988 Feb. 4	B&R--MM
3264 (Japan)	Test of sound generator. Yoshimi Hatakeyama, National Research Institute of Fisheries Engineering, Tokyo, Japan, 1988 February.	1988 Feb. 10	B&R--MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3265 (Japan)	Allozyme variation in Dall's porpoise ( <u>Phocoenoides dalli</u> ) in the eastern and central North Pacific. Shiro Wada, Fisheries Agency of Japan. Etsuko Shimura and Ken-ichi Numachi, Ocean Research Institute, University of Tokyo, Tokyo, Japan, 1988 February.	1988 Feb. 25	B&R--MM
3266 (Japan)	Number of marine mammals taken incidentally by Japanese mothership gillnet and land-based driftnet salmon fisheries in 1987. Fisheries Agency of Japan, 1988 March.	1988 Feb. 26	B&R--MM
3267 (Japan)	The 1987 testing of fishing gears to prevent the incidental take of Dall's Porpoise ( <u>Phocoenoides dalli</u> ). K. Snow, T. Ozaki, H. Ohba, T. Maeda, T. Sugiyama, M. Narita. Northern Sea Salmon Mothership Council, Marine Mammal Project Team and Federation of Japan Salmon Fisheries Association, 1988 March.	1988 Feb. 26	B&R--MM
3268 (U.S.) Rev. 1	Plans for U.S. observations of the Japanese mothership salmon fishery within the U.S. EEZ during 1988. M.L. Dahlberg, NMFS, Auke Bay, 1988 March.	1988 Mar. 1	B&R--S --MM
3269 (Japan)	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1987. Fisheries Agency of Japan, 1988 February.	1988 Jan. 11	B&R--S --MM
3270 (Japan)	The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1986. Fisheries Agency of Japan, 1988 February.	1988 Mar. 3	B&R--MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3271 (Japan)	Report of the second transpacific research cruise on Dall's porpoise by the <u>Hoyo maru No. 12</u> in 1987, Motoi Yoshioka, Institute of Cetacean Research, 1988 March.	1988 Mar. 3	B&R--MM
3272 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1987. Fisheries Agency of Japan, 1988 March.	1988 Mar. 8	B&R--S
3273 (Japan)	Proposed cruise plans of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1988. Fisheries Agency of Japan, 1988 March.	1988 March	B&R--S --MM
3274 (Japan)	Number of steelhead trout taken by Japanese landbased driftnet salmon fishery by 2°x5° area and 10-day period in 1987. Fisheries Agency of Japan, 1988 March.	1988 March	B&R--S
3275 (Japan)	Proposed plans for port sampling survey in 1988. Fisheries Agency of Japan, 1988 March.	1988 March	B&R--S
3276 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1987. Fisheries Agency of Japan, 1988 March.	1988 March	B&R--MM --S
3277	REPORT OF THE AD HOC SALMON RESEARCH COORDINATING GROUP, TOKYO, JAPAN, 1988 MARCH 10 TO 12.		B&R--S --MM



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3278 (Japan)	Identity of four <u>dalli</u> -type Dall's porpoise stocks in the northern North Pacific and Bering Sea. Motoi Yoshioka, Institute of Cetacean Research and Toshio Kasuya, Fisheries Agency of Japan, 1988 March.	1988 Mar. 8	B&R--MM
3279 (U.S.)	Distribution and incidental take of marine mammals in the area of the high seas squid driftnet fishery. L.L. Jones, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March.	1988 March	B&R--MM
3280 (U.S.)	Report on the biology of male Dall's porpoise in the western North Pacific and Bering Sea. L.L. Jones, M.E. Gosho, D.W. Rice, A. Wolman, M.M. Muto, National Marine Mammal Laboratory, NMFS, Seattle, and William A. Walker, Santa Barbara Museum of Natural History, Santa Barbara, 1988.	1988 March	B&R--MM
3281 (U.S.)	Estimation of the effect of responsive movement and missed animals from independent observer experiments for Dall's porpoise on the <u>Hokusei maru</u> and the <u>Miller Freeman</u> cruises. Benjamin J. Turnock, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March.	1988 March	B&R--MM
3282 (U.S.)	Trends in abundance of Dall's porpoise. Benjamin J. Turnock, National Marine Mammal Laboratory, NMFS, Seattle, 1988 March.	1988 March	B&R--MM
3283	REPORT OF THE SCIENTIFIC MEETING ON MARINE MAMMALS, TOKYO, JAPAN, 1988 MARCH 14 TO 18.		B&R--MM
3284 (U.S.)	Statistical methodology for estimating composition of high seas salmonid mixtures using scale analysis. R.B. Millar, FRI, Seattle, 1988 May.	1988 May 20	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3285	AGENDA FOR THE PLENARY SESSIONS-- 1988 ANNUAL MEETING		F&A
3286	AUDITORS' REPORT TO THE COMMISSION, 1987/88		F&A
3287	Details of items in the auditors' report for the 1987/88 fiscal period (INPFC Doc. 3286)		F&A F&A
3288	Report on financial situation in the current fiscal year (1988/89)		F&A
3289	Budget Estimate 1989/90 and Budget Forecast 1990/91		F&A
3290	ADMINISTRATIVE REPORT FOR 1988		F&A
3291	STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLES III 1.(e) and IX 2.		F&A
3292	Report on the status of publications		B&R
3293	Treaties and agreements tabled since 1987 November 5.		F&A B&R--S
3294	List of material and data exchanges, 1987/88		B&R--S
3295* (Japan)	Data records from Japanese salmon research vessels 1987 I - catch data II - Oceanographic data Fisheries Agency of Japan 1988 June (SS)	1988 Aug. 26	B&R--S
3296	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Seattle, 1988 June 13-17	1988 Sept. 2	B&R--NONA/BSP --NONA/NEP

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\*Not available for general distribution--see explanation on page 1.



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3297 (U.S.)	U.S./Japan Cooperative High Seas Salmon Research in 1988: Synopsis of research aboard <u>Shinriasu maru</u> , 1 June to 22 July, J.T. Light, FRI, Seattle, 1988 September	1988 Sept. 30	B&R--S
3298 (U.S.)	High Seas Distribution of North American Steelhead as evidenced by recoveries of marked or tagged fish. J.T. Light, S. Fowler, M.L. Dahlberg, FRI, Seattle, 1988 September	1988 Sept. 30	B&R--S
3299 (U.S.)	Summary of U.S.S.R.-U.S. cooperative High Seas salmonid tagging operation in 1988. R.V. Walker, D.J. Grosse, G.A. Kautsky, FRI, Seattle 1988 September	1988 Sept. 30	B&R--S
3300 (U.S.)	Tag returns in 1988-United States High Seas salmon tagging. FRI, Seattle, 1988 September	1988 Sept. 30	B&R--S
3301 (U.S.)	Increasing efficiency in coho salmon scale sampling. C.M.Knudsen, Washington Dept. of Fisheries, 1988 September	1988 Sept. 30	B&R--S
3302 (Japan)	A distinctive feature of length composition at age of pollock in the eastern Bering Sea, Aleutian Basin, and Aleutian Islands region. T. Sasaki, Fisheries Agency of Japan, 1988 September	1988 Sept. 22	B&R--NONA/BSP
3303 (Japan)	Stock assessment of Pacific cod and sablefish in the eastern Bering Sea, Aleutian Islands region, and Gulf of Alaska in 1988. T. Sasaki, K. Teshima, Fisheries Agency of Japan, 1988 September	1988 Sept. 22	B&R--NONA/BSP --NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3304 (Japan)	Outline of the acoustic/ midwater trawl survey for pelagic pollock in the inter- national waters of the Bering Sea in the summer of 1987. T. Sasaki, Fisheries Agency of Japan, 1988 August	1988 Sept. 23	B&R--NONA/BSP
3305 (Japan)	Japanese research in 1988 and research plan for 1989 on groundfish stocks in the Bering Sea, Aleutian Islands region and northeastern Pacific. T. Sasaki, Fisheries Agency of Japan, 1988 August.	1988 Sept. 23	B&R--NONA/BSP --NONA/NEP
3306 (Japan)	Abundance and biological information of immature sockeye salmon in waters south of Aleutian Islands in July, 1988. S. Ito, K. Takagi, Fisheries Agency of Japan 1988 August.	1988 Sept. 23	B&R--S
3307 (Japan)	Stock assessment of rockfishes and thornyheads in the eastern Bering Sea and Aleutian Islands region in 1988. K. Mito, Fisheries Agency of Japan, 1988 August	1988 Sept. 23	B&R--NONA/BSP
3308 (Japan)	Outline of Japanese salmon investigations in the offshore waters of the North Pacific Ocean in 1988. Y. Ishida, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--S
3309 (Japan)	Synopsis of biological information on the pelagic pollock in the Aleutian Basin. T. Sasaki, Fisheries Agency of Japan, 1988 July.	1988 Sept. 23	B&R--NONA/BSP
3310 (Japan)	Release data for Japanese salmon tagging experiments in 1988 and recovery data up to August, 1988. M. Ogura, Fisheries Agency of Japan, 1988 September	1988 Sept. 23	B&R--S

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3311 (Japan)	Outline of oceanographic conditions of the northwest Pacific during the summer of 1988. K. Hiramatsu, Fisheries Agency of Japan, 1988 August.	1988 Sept. 23	B&R--S
3312 (Japan)	Preliminary report on Japan-U.S. joint longline survey by <u>Anyo maru No. 22</u> in 1987. T. Yoshimura, T. Sasaki. Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--NONA/BSP --NONA/NEP
3313 (Japan)	Scale pattern analysis of 1981 chum salmon by maximum likelihood method. Y. Ishida, S. Ito, K. Takagi, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--S
3314 (Japan)	Data report on abundance indices of flatfishes, rockfishes, shortspine thornyhead and grenadiers based on the results from Japan-U.S. joint longline surveys, 1979-1987. T. Sasaki, K. Teshima, Fisheries Agency of Japan, 1988 August.	1988 Sept. 23	B&R--NONA/BSP --NONA/NEP
3315 (Japan)	Outline of the Japanese groundfish fishery in the Bering Sea in 1987 January - December. T. Yoshimura, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--NONA/BSP
3316 (Japan)	Scale pattern analysis of 1975 coho salmon by maximum likelihood method. M. Kato, Y. Ishida, Fisheries Agency of Japan, 1988 September	1988 Sept. 23	B&R--S
3317 (Japan)	Outline of 1988 research on marine mammals, particularly on Dall's porpoise relating to salmon gillnet fisheries. M. Kato, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--S --MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3318 (Japan)	Stock assessment of turbot in the eastern Bering Sea and Aleutian Islands region in 1988. K. Mito, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--NONA/BSP
3319 (Japan)	Outline of salmon gillnet survey at different time zones in the Bering Sea during the summer of 1987 and 1988. T. Azuma, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--S
3320 (Japan)	Outline of the Japanese groundfish fishery in the northeastern Pacific in 1987, January - December. T. Yoshimura, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--NONA/NEP
3321 (Japan)	On the flying behavior of neon flying squid <u>Ommastrephes bartrami</u> observed in the central and northeastern North Pacific. M. Murata, Fisheries Agency of Japan, 1988 September.	1988 Sept. 23	B&R--NONA/NEP
3322 (Japan)	Incidental catch of prohibited species in Japanese groundfish fisheries in the North Pacific, 1987 January to December. Fisheries Agency of Japan, 1988 September.	1988 Sept. 19	B&R--S --NONA/NEP --NONA/BSP
3323 (Japan)	Report on Japan-U.S. joint longline survey by <u>Fukuyoshi maru No. 8</u> in the eastern Bering Sea, Aleutian Region and Gulf of Alaska, 1986. T. Sasaki and Y. Takeda, Fisheries Agency of Japan, 1988 September.	1988 Sept. 19	B&R--NONA/BSP --NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3324 (Japan)	Vessel and gear specification of the Japanese fishery operated in the North Pacific in 1987. Fisheries Agency of Japan, 1988 September.	1988 Sept. 19	B&R--NONA/NEP
3325 (Japan)	Distribution and density of marine debris in the North Pacific based on sighting survey in 1987. S. Mio and S. Takehama, Fisheries Agency of Japan, 1988 September.	1988 Sept. 26	B&R--NONA/BSP --NONA/NEP
3326 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific Coast, 1970-1987. K.L. Rutherford, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3327 (Canada)	Canadian regulations on non-domestic fisheries, 1977-1988. W. Shaw, Fisheries and Oceans, Nanaimo, 1988 August.	1988 Sept. 26	B&R--NONA/NEP
3328 (Canada)	Canadian field research studies for 1988 in the northeast Pacific. L.J. Richards, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3329 (Canada)	Experimental flying squid fishery off British Columbia, 1987. G.S. Jamieson and G.D. Heritage, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP --MM --S
3330 (Canada)	Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1987. K.L. Rutherford, Fisheries and Oceans, Nanaimo, 1988 September	1988 Sept. 26	B&R--NONA/NEP
3331 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1987. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3332 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1987. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3333 (Canada)	Summary of the 1988 herring stock assessment. V. Haist and J. Schweigert, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3334 (Canada)	Groundfish stock assessments for the west coast of Canada in 1988 and recommended yield options for 1989. J. Fargo and A.V. Tyler (Eds.), Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3335 (Canada)	Lost or discarded driftnets found in Canadian waters in 1988. N.B. Hargreaves and E.W. Carter, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3336 (Canada)	Catch statistics for the Canadian albacore fishery, 1952-1987. C.C. Wood, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--NONA/NEP
3337 (Canada) (Rev.1)	Canadian mid-ocean salmon studies, W.E. Ricker, 1 June - 12 July, 1988. R.J. LeBrasseur, N.B. Hargreaves and T. Gjernes, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--S
3338 (Canada)	Japanese high seas salmon research; observations made aboard the <u>Kanki maru No. 3</u> , June 4-July 6, 1988. D.W. Welch, Fisheries and Oceans, Nanaimo, 1988 September.	1988 Sept. 26	B&R--S
3339 (Canada)	Groundfish stock assessment for the west coast of Canada in 1987 and recommend yield options in 1988. J. Fargo, M.W. Saunders and A.V. Tylers, Fisheries and Oceans, Nanaimo, 1988 March.	1988 Sept. 26	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3340 (Canada)	Experimental flying squid off British Columbia, 1985 and 1986. 1988. G.S. Jamieson, G.D. Heritage, Fisheries and Oceans, Nanaimo, 1987 June	1988 Sept. 26	B&R--NONA/NEP --MM --S
3341 (Japan)	Port sampling for recoveries of coded-wire tagged salmonid in 1988. Fisheries Agency of Japan, 1988 September	1988 Sept. 30	B&R--S
3342 (Japan)	Outline of 1988 survey on the behavior of drifting nets and entanglement of marine organisms. 1988. S. Mio, K. Yoshida, S. Matsumara, M. Kato, Y. Watanabe, K. Mito, Fisheries Agency of Japan, 1988 September.	1988 Sept. 30	B&R--NONA/BSP --NONA/NEP
3343 (Japan)	Stock assessment of pollock in the eastern Bering Sea and Aleutian Islands in 1988. K. Mito, Fisheries Agency of Japan, 1988 September.	1988 Sept. 30	B&R--NONA/BSP
3344 (U.S.)	Status of West Coast groundfish stocks--preliminary documents presented to the Pacific Fisheries Management Council. 1988. R. Methot, A.B. Hollowed, M. Dorn, J. Hightower, W.H. Lenarz and J. Tagart, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/NEP
3345 (U.S.)	Condition of groundfish resources of the eastern Bering Sea and Aleutian Islands region in 1988 compiled by Loh-Lee Low. R.G. Bakkala, D.H. Ito, D.K. Kimura, S.A. McDevitt, L.L. Ronholt, G.E. Thompson, J.J. Traynor, G.E. Walters, V.G. Wespestad and T.K. Wilderbuer, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3346 (U.S.)	Condition of groundfish resources of the Gulf of Alaska in 1988. (Preliminary report) E.S. Brown, D.M. Clausen, P.K. Dawson, J.J. Fujioka, J. Heifetz, R.L. Major, B.A. Megrey, E.P. Nunnallee, L.L. Ronholt, M.F. Sigler, T.K. Wilderbuer, N.J. Williamson and H.H. Zenger Jr., NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/NEP
3347 (U.S.)	United States research surveys conducted in 1988 and surveys planned for 1989 in the eastern Bering Sea. T.M. Sample, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/BSP
3348 (U.S.)	Summary of U.S. observer sampling of foreign and joint-venture fisheries in the northeast Pacific Ocean and eastern Bering Sea. 1987. J. Berger, H. Weikart, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--S --NONA/NEP --NONA/BSP
3349 (U.S.)	Catch and effort statistics of United States domestic and joint-venture fisheries in the Bering Sea and northeast Pacific Ocean. 1982 - 1987 (Preliminary) 1988. R. Narita, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/NEP --NONA/BSP
3350 (U.S.)	Status of stocks of commercially important crab species in the eastern Bering Sea in 1988. B.G. Stevens, R.A. MacIntosh, K.L. Stahl-Johnson, NMFS, Seattle, 1988 September.	1988 Sept. 30	B&R--NONA/BSP
3351 (U.S.)	Incidence of coded-wire-tagged salmonids in catches of foreign commercial and research vessels operating in the north Pacific Ocean and Bering Sea in 1987-88. M.L. Dahlberg, S. Fowler, F.P. Thrower, R. Heintz. NMFS, Auke Bay, 1988 September.	1988 Sept. 30	B&R--S



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3352 (U.S.)	Zonal variability in salmonid catch rates from research vessel operations within the north Pacific squid driftnet fishery area. 1988. S.E. Ignell, NMFS, Auke Bay, 1988 September.	1988 Sept. 30	B&R--S --NONA/NEP
3353 (U.S.)	Items of information on the Pacific Halibut Fishery in the Bering Sea and the Northeast Pacific Ocean (requested from Canada and the United States in Doc. 3252, Appendix 2). International Pacific Halibut Commission, 1988 September.	1988 Sept. 30	B&R--NONA/BSP --NONA/NEP
3354 (Japan)	Currently used Japaneses methods for sighting survey on floating objects in the ocean area. S. Takehama, S. Mio, Fisheries Agency of Japan, 1988 September.	1988 Oct. 03	B&R--NONA/BSP --NONA/NEP
3355 (Japan)	Catch and effort statistics for the Japanese squid driftnet fishery in the North Pacific in 1987, Fisheries Agency of Japan, 1988 October.	1988 Oct. 05	B&R--NONA/BSP --S --MM
3356 (Japan)	Development and preliminary calculation of ecosystem model for the eastern Bering Sea. 1988. Y. Kishimoto, Y. Iwata, K. Mito, S. Tanaka, Fisheries Agency of Japan, 1988 September.	1988 Oct. 05	B&R--NONA/BSP
3357 (Japan)	Report on the fishing survey on flying squid by <u>Shoyo maru</u> , <u>Kanki maru No. 58</u> and <u>Hokuho maru</u> in the North Pacific in 1987. M. Murata, Y. Nakamura, H. Saito, Hokkaido Regional Fisheries Research Laboratory, Fisheries Agency of Japan, 1988 September.	1988 Oct. 5	B&R--S --NONA/NEP --MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3358 (Japan)	Differences in areas of distribution between flying squid and salmon during summer and autumn in the North Pacific. M. Murata, Y. Nakamura, J. Ito, Fisheries Agency of Japan, 1988 September.	1988 Oct. 05	B&R--S --NONA/NEP
3359 (Japan)	Age and maturity data of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1987. Fisheries Agency of Japan, 1988 August.	1988 Oct. 07	B&R--S
3360 (Japan)	Prevalence of two species of <u>Myxoholus</u> (Protozoa: Myxozoa) in chinook salmon, <u>Oncorhynchus tshawytscha</u> , collected from the North Pacific Ocean and the northwest coast of North America in 1987, with special reference to the stock identification of ocean-caught chinook salmon by parasites. S. Urawa, K. Nagasawa, Fisheries Agency of Japan, 1988 August.	1988 Oct. 07	B&R--S
3361* (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1987 January to December. Fisheries Agency of Japan. 1988 September (Printout)	1988 Oct. 22	B&R--NONA/BSP
3362* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea 1987 January to December, Fisheries Agency of Japan, 1988 September (Printout)	1988 Oct. 22	B&R--NONA/BSP

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\*Not available for general distribution--see explanation on page 1.

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Date received by Secretariat</u>	<u>Committee</u>
3363* (Japan)	Catch statistics of Japanese groundfish fisheries in the northeast Pacific, 1987 January to December. Fisheries Agency of Japan. 1988 September (Printout)	1988 Oct. 27	B&R--NONA/NEP
3364* (Japan)	Catch statistics of halibut caught or discarded by Japanese groundfish fisheries in the Bering Sea, 1987 January to December. Fisheries Agency of Japan. 1988 September (Printout)	1988 Oct. 27	B&R--NONA/BSP
3365	REPORT OF THE STANDING COMMITTEE ON BIOLOGY AND RESEARCH--1988		
3366	LIST OF PARTICIPANTS--1988		
3367	REPORT OF THE STANDING COMMITTEE ON FINANCE AND ADMINISTRATION--1988		
3368	SUMMARY MINUTES OF THE FIRST PLENARY SESSION		
3369	SUMMARY MINUTES OF THE SECOND PLENARY SESSION		
3370	SUMMARY MINUTES OF THE THIRD PLENARY SESSION		
3371	SUMMARY MINUTES OF THE FOURTH (FINAL) PLENARY SESSION		

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INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION  
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CIRCULAR LETTER NO. 1646

1989 October 11

To : Commissioners  
From : Executive Director  
Subject : 78 Documents Received  
Action : Review for 1989 Annual Meeting

We have received the following reports for consideration by the Standing Committee on Biology and Research at the 1989 Annual Meeting:

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3374	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Shimizu, Japan, 1988 October 30 to November 5.	B&R--NONA/BSP NONA/NEP
3375 (Japan)	Salmon catch statistics for Japanese mothership gillnet and landbased driftnet fisheries, 1988. Fisheries Agency of Japan, 1989 March.	B&R--S
3376 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels, 1988. Fisheries Agency of Japan, 1989 March.	B&R--S
3377 (Japan)	Proposed cruise plans of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1989. Fisheries Agency of Japan, 1989 March.	B&R--S --MM

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3397 (U.S.A.)	Ocean distribution and migration of steelhead trout ( <i>Oncorhynchus mykiss</i> , formerly <i>Salmo gairdneri</i> ). J.T. Light, C.K. Harris, R.L. Burgner, FRI, Seattle, 1989 September	B&R--S
3398 (U.S.A.)	U.S. Japan cooperative High Seas salmonid research in 1989: Summary of research aboard the Japanese research vessel <i>Shin Riasu maru</i> , 1 June to 20 July. N.D. Davis, FRI, Seattle, 1989 September	B&R--S
3399 (U.S.A.)	Summary of U.S.S.R.-U.S. cooperative High Seas salmonid tagging operations in 1989. R.V. Walker, S. Leopold, L. Haaga, FRI, Seattle, 1989 September	B&R--S
3400 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1988. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1989 September	B&R--NONA/NEP
3401 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1988. J.D. Fulton, Fisheries and Oceans, Nanaimo, 1989 September	B&R--NONA/NEP
3402 (Canada)	Summary of 1989 herring stock assessment. V. Haist, J.F. Schweigert, Fisheries and Oceans, Nanaimo, 1989 September	B&R--NONA/NEP
3403 (Canada)	Summary of lost or discarded driftnets reported on the coast of British Columbia in 1989. N.B. Hargreaves, E.W. Carter, Fisheries and Oceans, Nanaimo, 1989 September	B&R--NONA/NEP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3412 (Canada)	Salmonids tagged and released in the central North Pacific Ocean during a Canadian research vessel cruise, 1 June-12 July, 1988, and subsequent recoveries of tagged fish. N.B. Hargreaves, R.J. LeBrasseur, T. Gjernes, Fisheries and Oceans, Nanaimo, 1989 September	B&R--S
3413 (Canada)	Recoveries of coded-wire tagged and fin- and maxillary-marked salmonids in Canadian research and experimental fishing operations in the eastern North Pacific Ocean during 1985-1988, and coded-wire tagged steelhead trout in port sampling of salmonid catches from the Japanese landbased salmon fishery, 1987 and 1988. L. Margolis, E. McDonald, N.B. Hargreaves, Fisheries and Oceans, Nanaimo, 1989 September	B&R--S
3414 (Canada)	Canadian Technical Report and Aquatic Sciences No. 1646	B&R--NONA/NEP
3415	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species, Tokyo, Japan, 1989 May 15 to 19.	B&R--NONA/BSP --NONA/NEP
3416 (U.S.A.)	Stock assessment and fishery evaluation document for ground-fish resources in the Bering Sea-Aleutian Islands region as projected for 1990. Compiled for the North Pacific Fishery Management Council, with reports authored by R.G. Bakkala, D.H. Ito, D.K. Kimura, S.A. McDevitt, G.G. Thompson, G.E. Walters, V.G. Wespestad, T.K. Wilderbuer, NMFS, Seattle, 1989 September.	B&R--NONA/BSP

<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3424 (Japan)	Cluster analysis of chum salmon stocks based on scale pattern. Y. Ishida, S. Ito, Fisheries Agency of Japan, Y. Murase, Y. Morinaga and S. Ueyanagi, Tokai University, Japan, 1989 September.	B&R--S
3425 (Japan)	Daily patterns of swimming in sockeye and chum salmon. T. Azuma, Fisheries Agency of Japan, 1989 September.	B&R--S
3426 (Japan)	Daily patterns of feeding in sockeye and chum salmon. T. Azuma, Fisheries Agency of Japan, 1989 September.	B&R--S
3427 (Japan)	Effect of use of barbless hooks on longline operation for High Seas salmon tagging. M. Ogura, Fisheries Agency of Japan, 1989 September.	B&R--S
3428 (Japan)	Outline of biotelemetry study for salmon by <u>Shin riasu maru</u> , 1989. M. Ogura, Fisheries Agency of Japan, 1989 September.	B&R--S
3429 (Japan)	Estimate of chum salmon ( <i>Oncorhynchus keta</i> ) of Japanese origin caught in the U.S. June Fishery conducted in the Shumagin/Unimak waters. A. Takei, Fisheries Agency of Japan, 1989 September.	B&R--S
3430 (Japan)	Outline of 1989 research on marine mammals, particularly on Dall's porpoise relating to salmon gillnet fisheries. M. Kato, Fisheries Agency of Japan, 1989 September.	B&R--S --MM



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3437 (Japan)	Stock assessment of Pacific cod and sablefish in the eastern Bering Sea, Aleutian Islands region and Gulf of Alaska in 1989. T. Sasaki, Fisheries Agency of Japan, 1989 October.	B&R--NONA/BSP --NONA/NEP
3438 (Japan)	Japanese research in 1989 and research plan for 1990 on groundfish stocks in the Bering Sea, Aleutian Islands region, and northeastern Pacific. T. Sasaki, Fisheries Agency of Japan, 1989 October.	B&R--NONA/BSP --NONA/NEP
3439 (Japan)	Biological information on pelagic pollock in the Aleutian Basin during the summer of 1988. T. Yoshimura, Fisheries Agency of Japan, 1989 October.	B&R--NONA/BSP
3440 (Japan)	Report on the fishing survey on flying squid by the <u>Shoyo maru No. 3</u> , <u>Hoyo maru No. 78</u> and <u>Hokuho maru</u> in the North Pacific in 1988. M. Murata, Y. Nakamura, H. Saito, Fisheries Agency of Japan, 1989 September.	B&R--S --MM --NONA/NEP
3441 (Japan)	Outline of Japanese flying squid investigations by Japanese scientific vessels in the north Pacific in 1989. S. Hayase, A. Yatsu, J. Ito, Fisheries Agency of Japan, 1989 September.	B&R--S --MM --NONA/NEP
3442 (Japan)	Cruise report of flying squid survey by the <u>Shoyo maru</u> in 1989. S. Kawasaki, J. Ito, K. Yamamaka, Fisheries Agency of Japan, 1989 September.	B&R--S --MM --NONA/NEP



<u>Doc. no. &amp; origin</u>	<u>Title, author, date, etc.</u>	<u>Committee</u>
3450 (U.S.A.)	Status of the Pacific Whiting Resource in 1989 and Recommendations to Management in 1990. M. Donn, R. Methot, NMFS, Seattle, Washington, 1989 September.	B&R--NONA/NEP
3451 (Japan)	The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1987. Fisheries Agency of Japan, 1989 November.	B&R--MM
3452 (Japan)	Ages and maturity date of sockeye and coho salmon by sex, by 2°x5° area, and by ten-day period, 1988. Fisheries Agency of Japan, 1989 September.	B&R--S
3453 (Japan)	Ocean distribution of Asian and North American chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) determined by the tag parasites, <i>Myxobolus arcticus</i> and <i>M. neurobius</i> (Protozoa: Myxozoa). S. Urawa, Fisheries Agency of Japan; K. Nagasawa, Hokkaido Fisheries Experimental Station, Japan, 1989 September.	B&R--S
3454 (Japan)	Stock identification by maximum likelihood method: derivation of variance estimator. K. Hiramatsu, Fisheries Agency of Japan; H. Kishino, The Institute of Statistical Mathematics, Japan, 1989 September.	B&R--S
3455 (Japan)	Proposed cruise plans of Japanese research vessels for salmon and marine mammals in the North Pacific Ocean, 1990. Fisheries Agency of Japan, 1989 September.	B&R--S --MM

Doc. no.  
& origin

Title, author, date, etc.

Committee

3462  
(U.S.A.)

Preliminary Report on genetic  
diversion of southern Southeast  
Alaska Chum Salmon populations.  
C.M. Kondzela, C.M. Guthrie III,  
R.B. Wilson, H.R. Carlson,  
A.J. Gharrett, NMFS, Seattle,  
1989 October.

B&R--S

Distribution of the documents in advance of the annual meeting will be  
as indicated below.



Bernard E. Skud  
Executive Director

Distribution      Nishimura, Tokinoya, Imamura (3), Sasaki, Kawakami,  
Ohsumi\*(4), Kato (2), Takagi, Hamada, Morimoto,  
Nagahata, Suzuki, Ambassadors (Washington D.C., Ottawa),  
Consuls-General (Vancouver, Anchorage and Seattle)

Asselin, Florian, Davis, Marshall, Beamish\*(2),  
Margolis, Henderson, McFarlane, Graham, Kowal, Sarna,  
Meerburg, Stewart/EPA/External Affairs (Ottawa)

Tillion, Pennoyer, Brindle, Lauber, Miotke, Herrfurth,  
Aron, Marasco, Low\*(5), Burgner, Schmitten, Dahlberg,  
C.H. Meacham, Otto, C.P. Meacham, Eggers, Conrad,  
Benton, Jones, Brown, Rasmuson

\*Senior Scientists: 1 copy of all documents

NEP Rapporteur (Richards), BSP Rapporteur (Bakkala),  
Salmon Rapporteur (Myers), MM Rapporteur (Jones) have  
already been provided with respective documents.

## INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

37th Annual Meeting--1990

Vancouver, Canada, 1990 November 6

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### LIST OF DOCUMENTS--1990

This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 36th Annual Meeting--1989. It will be included in the bound proceedings of the 37th Annual Meeting listing all document numbers assigned up to adjournment. The committee or sub-committee for which use or disposition each document was primarily intended is shown in the right hand column. The abbreviations used are:

B&R--S	= Biology and Research--re salmon
B&R--NONA	= Biology and Research--re non-anadromous species
B&R--NONA/BSP	= Bering Sea Panel (non-anadromous species and crab)
B&R--NONA/NEP	= Northeast Pacific Panel
B&R--MM	= Biology and Research--re marine mammals
F&A	= Finance and Administration

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are:

Printout	= computer printout (usually single copy)
SS	= short of copies or single copy
Pub.	= submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 37th Annual Meeting.

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3500* (Japan)	Data records from salmon research vessels, 1989. I - Catch Data II - Oceanographic data Fisheries Agency of Japan, 1990 June. (SS)	1990 Aug. 24	B&R--S
3501 (U.S.)	Tag returns in 1990--United States high seas salmon tag- ging. K.W. Myers, FRI, Seattle, 1990 September.	1990 Sept. 19	B&R--S
3502 (U.S.)	Known ocean ranges of stocks of Pacific salmon and steel- head as shown by tagging experiments, 1956-1989. K.W. Myers, R.W. Walker, FRI, Seattle; S. Fowler, M.L. Dahlberg, NMFS, Auke Bay, 1990 September	1990 Sept. 19	B&R--S
3503 (U.S.)	Preliminary stock assessment and fishery evaluation document for the 1991 Bering Sea/Aleutian Islands groundfish resources. North Pacific Fishery Management Council, Anchorage, 1990 September.	1990 Sept. 25	B&R--NONA/BSP
3504 (U.S.)	Preliminary stock assessment and fishery evaluation document for the 1991 Gulf of Alaska ground- fish resources. North Pacific Fishery Management Council, Anchorage, 1990 September.	1990 Sept. 25	B&R--NONA/NEP
3505 (U.S.)	U.S. groundfish research surveys conducted in 1990 and surveys planned for 1991 in the Gulf of Alaska and the Pacific West Coast. E. Brown, NMFS, Seattle; E. Haynes, NMFS, Auke Bay, 1990 September.	1990 Sept. 25	B&R--NONA/NEP

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\*Not available for general distribution--see explanation on page 1.

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3513 (Japan)	Outline of oceanographic conditions in the Northwest Pacific during the summer of 1990. K. Hiramatsu, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S
3514 (Japan)	Outline of biotelemetry study of salmon by the <i>Shin riasu maru</i> , 1990. M. Ogura, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S
3515 (Japan)	Outline of 1990 research on marine mammals, particularly on Dall's porpoise relating to salmon gillnet fisheries. Y. Ueno, Y. Ishida, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--MM
3516 (Japan)	Stock identification of chum salmon collected in 1986. Y. Ishida, S. Ito, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S
3517 (Japan)	Changes in the criteria for tagging fish for Japanese salmon tagging, 1989 and 1990. M. Ogura, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S
3518 (Japan)	Preliminary analysis of salmon catches at different depth layers of gillnet near the surface on the northwest Pacific Ocean. T. Azuma, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S
3519 (Japan)	A baseline of the prevalences of brain myxosporean parasites for the stock identification of chinook salmon <i>Oncorhynchus tshawytscha</i> in high seas fisheries. S. Urawa, Y. Ishida, M. Kato, Fisheries Agency of Japan; K. Nagasawa, Hokkaido Fisheries Experimental Station, 1990 September.	1990 Sept. 26	B&R--S

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3526 (Japan)	Preliminary report of biological informations obtained from 1989 summer pollock stock research in the Bering Sea by the <i>Seiju maru</i> No. 28. T. Yoshimura, K. Mito, A. Nishimura, Fisheries Agency of Japan, 1990 October.	1990 Sept. 27	B&R--NONA/BSP
3527 (Japan)	Preliminary report on pelagic pollock survey by the <i>Kaiyo maru</i> in the international waters of the Bering Sea in January-February, 1990. T. Sasaki, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/BSP
3528 (Japan)	Report on Japan-U.S.S.R. joint longline survey by the <i>Ebisu maru</i> No. 88 in 1989. T. Sasaki, Fisheries Agency of Japan, 1990 July.	1990 Sept. 26	B&R--NONA/BSP
3529 (Japan)	Attempt to estimate the fishing efficiency of midwater trawls for pelagic pollock in the Aleutian Basin. K. Mito, T. Yoshimura, Y. Takao, Fisheries Agency of Japan, 1990 October.	1990 Sept. 26	B&R--NONA/BSP
3530 (Japan)	Japanese research in 1990 and research plan for 1991 on ground-fish stocks in the Bering Sea, Aleutian Islands region, and northeastern Pacific. K. Mito, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/NEP --NONA/BSP
3531 (Japan)	Stock assessment of walleye pollock in the Bering Sea in 1990. K. Mito, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/BSP
3532 (Japan)	Differences in the weight and composition of stomach content of pollock between areas in the Bering Sea. K. Mito, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/BSP

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3540 (Japan)	Cruise report of the flying squid survey by the <i>Kanki maru</i> No. 3 in April/May, 1990. S. Hayase, T. Domon, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S --MM --NONA/NEP
3541 (Japan)	Cruise report of the flying squid survey by the <i>Hokuho maru</i> in April/May, 1990. S. Kubota, S. Hayase, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--S --MM --NONA/NEP
3542 (Japan) (Rev. 1)	Cruise report of the flying squid survey by the <i>Wakatori maru</i> in June/July, 1990. A. Yatsu, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--MM --NONA/NEP
3543 (Japan)	An experiment using subsurface drift gillnet for flying squid. Y. Inoue, T. Watanabe, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--MM --NONA/NEP
3544* (Japan)	Data records from squid research vessels 1984-1989. I - Catch data by gillnets and jigging. II - Oceanographic data. H. Shimada, Fisheries Agency of Japan, 1990 September. (SS)	1990 Sept. 26	B&R--S --MM --NONA/NEP
3545 (Japan)	Distribution and density of marine debris in the North Pacific based on sighting survey in 1989. K. Nasu, K. Hiramatsu, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/NEP --MM
3546 (Japan)	Results of the 1989 Survey on behaviour of the drifting nets and entanglement of marine organisms. K. Nasu, K. Hiramatsu, T. Domon, Fisheries Agency of Japan, 1990 September.	1990 Sept. 26	B&R--NONA/NEP --MM

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3553 (Canada)	Summer assemblages of seabirds in the eastern region of the high seas squid driftnet fishery. G.W. Kaiser, S.M. McKinnell, G.E.J. Smith, M. Force, DFO, Nanaimo, 1990 November.	1990 Sept. 27	B&R--NONA/NEP
3554 (Canada)	Canadian aerial observations of the North Pacific driftnet fleet. T. Gjernes, DFO, Nanaimo, 1990 November.	1990 Sept. 27	F&A B&R--S --NONA/NEP
3555 (Canada) (Rev. 1)	Preliminary results of the 1990 Canadian experimental jig fishery for neon flying squid ( <i>Ommastrephes bartrami</i> ). W. Shaw, G.S. Jamieson, DFO, Nanaimo, 1990 November.	1990 Sept. 27	B&R--S --NONA/NEP
3556 (Canada)	Summary of marine debris sightings during Canadian high seas research surveys, 1989-1990. W. Shaw, DFO, Nanaimo, 1990 November.	1990 Sept. 27	B&R--NONA/NEP
3557 (Canada)	Biological advice on management of British Columbia groundfish for 1991. A.V. Tyler (ed.), DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--NONA/NEP
3558 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific coast, 1970-1989. K.L. Rutherford, DFO, Nanaimo, 1990 November.	1990 Sept. 27	B&R--NONA/NEP
3559 (Canada)	Canadian regulations on non-domestic fisheries, 1977-1990. M.W. Saunders, DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--NONA/NEP
3560 (Canada) (Rev. 1)	The 1990 pelagic research cruise of the W.E. Ricker. S.M. McKinnell, W. Shaw, J. Ladell, DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--S --MM --NONA/NEP



<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3569 (Canada)	Recruitment patterns in Pacific cod in Hecate Strait, British Columbia. A.V. Tyler, W.R. Crawford, DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--NONA/NEP
3570 (Canada)	W.E. Ricker hydroacoustic cruise to study rockfish behaviour off northern Vancouver Island, March 14-23, 1990. B.M. Leaman, R. Kieser, R.D. Stanley, P. Withler, DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--NONA/NEP
3571 (Canada) (Rev. 1)	Potential use of helminth parasites in stock identification of flying squid, <i>Ommastrephes bartramii</i> , in North Pacific waters. S.M. Bower, L. Margolis, DFO, Nanaimo, 1990 September.	1990 Sept. 27	B&R--NONA/NEP
3572 (Canada)	Groundfish stock assessments for the west coast of Canada in 1989 and recommended yield options for 1990. Canadian Technical Report of Fisheries and Aquatic Sciences NO. 1732. A.V. Tyler, J. Fargo (eds.), DFO, Nanaimo, 1990 March.	1990 Sept. 27	B&R--NONA/NEP
3573 (Canada)	Historical commercial salmon fishing operations within or near the Japanese neon flying squid fishery boundary. S.M. McKinnell, DFO, Nanaimo, 1990 October.	1990 Sept. 27	B&R--S
3574	Report of the working group on joint surveys of the Sub-Committee on Non-Anadromous Species, Tokyo, Japan, 1990 May 21 to 26.	1990 Oct. 2	B&R--NONA/BSP --NONA/NEP
3575 (Japan)	The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1988. Fisheries Agency of Japan, 1990 November.	1990 Oct. 4	B&R--MM

<u>DOC. NO. &amp; ORIGIN</u>	<u>TITLE, AUTHOR, DATE, ETC.</u>	<u>DATE RECEIVED BY SECRETARIAT</u>	<u>COMMITTEE</u>
3583 (Rev. 1)	Report of meeting of the Steering Committee to examine alternate fishing technologies and related topics relative to the high Seas Driftnet Fisheries, 1990 October.	1990 Oct. 17	B&R--S
3584 (U.S.)	Origins of coho salmon in the area of the Japanese land-based driftnet fishery in 1986 and 1987. R.V. Walker, FRI, Seattle, 1990 October.	1990 Oct. 17	B&R--S
3585 (Canada/ Japan/ U.S.)	Final report of squid and by-catch observations in the Japanese driftnet fishery for neon flying squid ( <i>Ommastrephes bartrami</i> ) June-December, 1989 observer program. (Joint report by the National Sections of Canada, Japan, and the United States), 1990 October.	1990 Oct. 17	B&R--S --MM
3586 (U.S.)	Preliminary estimates of acceptable biological catch in 1991 as recommended by the groundfish management team of the Pacific Fishery Management Council. R. Methot, NMFS, Seattle, 1990.	1990 Oct. 17	B&R--NONA/NEP
3587 (U.S.)	Information on the Pacific halibut fishery and resource in the Bering Sea and the Northeast Pacific Ocean, 1989. IPHC, Seattle, 1990 October.	1990 Oct. 17	B&R--NONA/NEP --NONA/BSP
3588 (U.S.)	Summary of U.S. observer sampling of foreign and joint venture fisheries in the northeast Pacific ocean and eastern Bering Sea, 1989. M. Guttormsen, R. Narita, J. Berger, NMFS, Seattle, 1990 October.	1990 Oct. 17	B&R--S --NONA/NEP --NONA/BSP
3589 (U.S.)	Catch and effort statistics of United States domestic and joint-venture fisheries in the Bering Sea and northeastern Pacific ocean 1988 and 1989 (preliminary). R.E. Narita, NMFS, Seattle, 1990 October.	1990 Oct. 17	B&R--NONA/NEP --NONA/BSP

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3597 (Japan)	Catch and effort statistics for the Japanese squid driftnet fishery in the North Pacific in 1989. Fisheries Agency of Japan, 1990 September.	1990 Oct. 25	B&R--S --MM --NONA/NEP
3598 (Japan)	A review of the Japanese squid driftnet fishery. A. Yatsu, Fisheries Agency of Japan, 1990 September.	1990 Oct. 25	B&R--S --NONA/NEP
3599 (Japan)	The number of Dall's porpoise incidentally taken by the Japanese squid driftnet fishery in 1989. Fisheries Agency of Japan, 1990 November.	1990 Oct. 26	B&R--MM
3600 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels in 1989. Fisheries Agency of Japan, 1990 October.	1990 Oct. 26	B&R--S
3601 (U.S.)	Diagnostic indices of oceanographic and atmospheric conditions in the central north Pacific Ocean. S. Ignell, NMFS, Auke Bay, 1990 October.	1990 Oct. 26	B&R--S
3602* (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea, 1989 January to December. Fisheries Agency of Japan, 1990 October. (SS)	1990 Oct. 27	B&R--NONA/BSP
3603* (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1989 January to December. Fisheries Agency of Japan, 1990 October. (SS)	1990 Oct. 27	B&R--NONA/BSP

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\*Not available for general distribution--see explanation on page 1.

Tokyo, Japan, 1991 November 6

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LIST OF DOCUMENTS--1991

B&R--S = Biology and Research--re salmon  
 B&R--NONA = Biology and Research--re non-anadromous species  
 B&R--NONA/BSP = Bering Sea Panel (non-anadromous species and crab)  
 B&R--NONA/NEP = Northeast Pacific Panel  
 B&R--MM = Biology and Research--re marine mammals  
 F&A = Finance and Administration

Printout = computer printout (usually single copy)  
SS = short of copies or single copy  
Pub. = submitted for publication

Document titles which are capitalized will be contained in the bound proceedings of the 38th Annual Meeting.

DOC NO. & ORIGIN	TITLE, AUTHOR, DATE, ETC.	DATE RECEIVED BY SECRETARIAT	COMMITTEE
3515 (Japan) (Rev. 1)	Outline of 1990 research on marine mammals, particularly on Dall's porpoise relating to salmon gillnet fisheries. Y. Ueno and Y. Ishida, FAJ, 1990 September	1991 May 31	B&R--MM
3594 (U.S.) (Rev. 1)	Incidence of coded-wire tagged salmonids in commercial and research catches in the North Pacific Ocean and Bering Sea, 1989-1990. M.L. Dahlberg, S. Fowler, N. Maloney, R. Heinz, NMFS, Auke Bay, 1990 October	1991 May 31	B&R--S
3613	LIST OF DOCUMENTS--1991		
3614 (Japan)	Salmon catch statistics for Japanese non-traditional landbased and traditional landbased fisheries, 1990. FAJ, 1991 February	1991 Feb. 4	B&R--S
3615 (U.S.)	A sampling design for detecting differences in catch rates between surface and subsurface driftnets in the North Pacific squid driftnet fishery. L.J. Simon, NMFS, Auke Bay, 1991 January	1991 Feb. 8	B&R--S --NONA/NEP
3616	Report of the Working Group on Joint Surveys of the Sub-Committee on Non-Anadromous Species. Seattle, 1990 November 5 to 9	1991 Mar. 4	B&R--NONA/BSP --NONA/NEP
3617 (P.P.R.)	Activities of the Polish fishing fleet in the northeast Pacific by INPFC statistical area, 1990 July to October. Morski Instytut Rybacki w Gdyni, May 1991	1991 July 30	B&R--NONA/NEP
3618	AUDITORS' REPORT TO THE COMMISSION, 1990/91		F&A
3619	Details of items in the Auditors' Report for the 1990/91 fiscal period (INPFC Doc. 3618)		F&A

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3620	Report on financial situation in the current fiscal year (1991/92)		F&A
3621	Budget estimate 1992/93 and budget forecast 1993/94		F&A
3622	ADMINISTRATIVE REPORT FOR 1991		F&A
3623	STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLES III 1.(e) AND IX 2.		F&A
3624	Report on the status of publications		F&A/B&R--S
3625	Treaties and agreements tabled since 1990 November 9		F&A
3626 (Rev. 2)	List of material and data exchanges, 1990/91		B&R--S
3627	AGENDA FOR THE 1991 ANNUAL MEETING PLENARY SESSIONS		F&A/B&R
3628 (U.S.)	U.S. Groundfish research surveys conducted in 1991 and surveys planned for 1992 in the Gulf of Alaska and the U.S. Pacific west coast. M. Martin and M. Wilkins, NMFS, Auke Bay, and E. Haynes, NMFS, Seattle, 1991 September	1991 Sep. 3	B&R--NONA/NEP
3629 (Japan)	Outline of the non-traditional landbased fishery in 1991, FAJ, 1991 September	1991 Sep. 13	B&R--S
3630	Report of the working group on joint surveys of the Sub- Committee on Non-Anadromous Species. Seattle, 1991 May 20-24	1991 Sep. 17	B&R--NONA/BSP --NONA/NEP
3631 (Japan)	Report on port sampling to detect coded wire tagged fish in 1991. FAJ, 1991 September	1991 Sep. 18	B&R--S

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3632 (Japan)	Outline of Japanese salmon investigations in the offshore waters of the North Pacific Ocean in 1991. S. Ito and Y. Ishida, FAJ 1991 September	1991 Sep. 6	B&R--S
3633 (Japan)	Release data for Japanese salmon tagging experiments in 1991 and recovery data up to August, 1991. M. Ogura, FAJ, 1991 September	1991 Sep. 6	B&R--S
3634 (Japan)	Outline of oceanographic conditions in the Northwest Pacific during the summer of 1991. K. Hiramatsu, FAJ, 1991 September	1991 Sep. 6	B&R--S
3635 (Japan)	Outline of biotelemetry study of salmon by the <i>Shin Riasu maru</i> , 1991. M. Ogura, FAJ, 1991 September	1991 Sep. 6	B&R--S
3636 (Japan)	Outline of 1991 research on marine mammals, particularly on Dall's porpoise relating to salmon gillnet fisheries. Y. Ueno and Y. Ishida, FAJ, 1991 September	1991 Sep. 6	B&R--MM
3637 (Japan)	Preliminary estimates of the incidence of slash marks on salmonids caught by Japanese salmon research vessels in the North Pacific ocean and Bering Sea in 1991. Y. Ishida, K. Tadokoro, K. Nagasawa, FAJ, 1991 September	1991 Aug. 29	B&R--S
3638 (Japan)	Summary of the high seas salmon research cruise by the <i>Hokko maru</i> in 1991. T. Azuma, FAJ, 1991 October	1991 Aug. 22	B&R--S
3639 (Japan)	Summary of research aboard the research vessel <i>Wakashio maru</i> , 13 July to 4 August 1991 (U.S.S.R.-Japan Cooperative Salmon Research in 1991). Y. Ueno, I. Shimizu, FAJ, A. Shubin and V. Tsiger, TINRO, 1991 September	1991 Sep. 6	B&R--S

DOC NO. & ORIGIN	TITLE, AUTHOR, DATE, ETC.	DATE RECEIVED BY SECRETARIAT	COMMITTEE
3640 (Japan)	Distribution of Asian and North American chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) in the North Pacific Ocean and Bering Sea between 1988 and 1990 estimated by tag parasites. S. Urawa and K. Nagasawa, FAJ, 1991 September	1991 Sep. 3	B&R--S
3641 (Japan)	Occurrence of salmon lice <i>Lepeophtheirus salmonis</i> on longline-caught salmon in the North Pacific ocean and Bering Sea in the summer of 1991. K. Nagasawa, Y. Ishida, and K. Tadokoro, FAJ, 1991 September	1991 Aug. 29	B&R--S
3642 (Japan)	Outline of the Japanese groundfish fishery in the Bering Sea in 1990, January-December. A. Nishimura, FAJ, 1991 October	1991 Aug. 29	B&R--NONA/BSP
3643 (Japan)	Summary of the Japanese pollock fishery in the international waters of the Bering Sea (1986-1990). A. Nishimura, FAJ, 1991 October	1991 Aug. 26	B&R--NONA/BSP
3644 (Japan)	Report of acoustic survey on pelagic pollock stocks in the Aleutian Basin conducted in summer of 1988 (Revised). Y. Takao, M. Furusawa, N. Williamson, K. Sawada, Y. Miyanohana, T. Yoshimura, T. Sasaki, and T. Hoshou, FAJ, 1991 October	1991 Sep. 13	B&R--NONA/BSP
3645 (Japan)	Report of biological research during the survey of pollock in the Bering Sea in summer 1989. T. Yoshimura, K. Mito, and A. Nishimura, FAJ, 1991 October	1991 Sep. 18	B&R--NONA/BSP
3646 (Japan)	Preliminary report of biological information obtained from 1990 summer pollock stock research in the Bering Sea by <i>Daian maru</i> No. 128. A. Nishimura, K. Mito, and T. Yoshimura, FAJ, 1991 October	1991 July 29	B&R--NONA/BSP



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3647 (Japan)	Report on Japan-U.S.S.R. joint longline survey by the <i>Koei maru</i> No. 10 in 1990. T. Sasaki, FAJ, 1991 October	1991 July 29	B&R--NONA/BSP
3648 (Japan)	Japanese research in 1991 and research plan for 1992 on ground- fish stocks in the Bering Sea, Aleutian Islands region, and northeastern Pacific. K. Mito, FAJ, 1991 October	1991 Aug. 27	B&R--NONA/BSP --NONA/NEP
3649 (Japan)	Size relationship between predator and prey in cannibalism of walleye pollock in the eastern Bering Sea. K. Mito, FAJ, 1991 October	1991 Sep. 9	B&R--NONA/BSP
3650 (Japan)	Estimation of the hatching date of juvenile walleye pollock, <i>Theragra chalcogramma</i> (Pallas), collected in the Eastern Bering Sea in 1989. A. Nishimura, K. Mito, and T. Yoshimura, FAJ, 1991 October	1991 July 29	B&R--NONA/BSP
3651 (Japan)	Microstructural observation of otoliths of walleye pollock collected in the Aleutian Basin, with special reference to the annual ring structure. A. Nishimura, FAJ, 1991 October	1991 July 29	B&R--NONA/BSP
3652 (Japan)	Discrimination of morphological differences of walleye pollock between areas in the Bering Sea. A. Nitta and A. Nishimura, FAJ, 1991 October	1991 Sep. 6	B&R--NONA/BSP
3653 (Japan)	Effect of freezing and defrosting methods on length and weight of pollock and revision of length - weight relationships (data of 1988 summer, 1988-89 winter, and 1990 winter). T. Yoshimura, FAJ, 1991 October	1991 Sep. 6	B&R--NONA/BSP

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3654 (Japan)	Age composition and growth of walleye pollock in the Aleutian Basin in summer, 1978 and 1979. K. Mito and A. Nishimura, FAJ, 1991 October	1991 Sep. 6	B&R--NONA/BSP
3655 (Japan)	Result of data collection on Japanese fishing vessels by scientific observer in the international waters of the Bering Sea in 1990. K. Mito and A. Nishimura, FAJ, 1991 October	1991 Sep. 6	B&R--NONA/BSP
3656 (Japan)	Study of flying squid ( <i>Ommastrephes bartrami</i> ) behaviour by ultrasonic telemetry - I. K. Yoshida, T. Koido, N. Baba, and M. Kiyota, FAJ, 1991 September	1991 Sep. 8	B&R--NONA/NEP
3657 (Japan)	Biological information of northern fur seals ( <i>Callorhinus ursinus</i> ) taken incidentally by high seas squid driftnet fisheries in 1989 and 1990. N. Baba and M. Kiyota, FAJ, 1991 September	1991 Sep. 8	B&R--MM
3658 (Japan)	Investigations of northern fur seals ( <i>Callorhinus ursinus</i> ) in the North Pacific, 1988. N. Baba, M. Kiyota, and K. Yoshida, FAJ, 1991 September	1991 Sep. 11	B&R--MM
3659 (Japan)	Relationship between whisker color and age of northern fur seals ( <i>Callorhinus ursinus</i> ) collected in the western North Pacific and Okhotsk Sea. N. Baba, M. Kiyota and K. Yoshida, FAJ, 1991 September	1991 Sep. 8	B&R--MM
3660 (Japan)	Results of heavy metal analysis of sea surface water, walleye pollock ( <i>Theragra chalcogramma</i> ) and northern fur seals ( <i>Callorhinus ursinus</i> ). S. Miyahara, N. Baba, M. Kiyota, and K. Yoshida, FAJ, 1991 September	1991 Sep. 11	B&R--NONA/BSP --NONA/NEP --MM

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3661 (Japan)	Outline of flying squid investigations conducted by scientific vessels of the Fisheries Agency of Japan in the North Pacific in 1991. S. Hayase, A. Yatsu, H. Tanaka, H. Shimada, and Y. Nakamura, FAJ, 1991 September	1991 Sep. 10	B&R--NONA/NEP --MM --S
3662 (Japan)	Cruise report of the flying squid survey by the <i>Shoyo maru</i> from June to September, 1990. A. Yatsu, S. Kawasaki, and K. Yamanaka, FAJ, 1991 September	1991 Aug. 13	B&R--NONA/NEP --S --MM
3663 (Japan)	Cruise report of flying squid survey by the <i>Wakatori maru</i> in June/July, 1991. S. Hayase and A. Yatsu, FAJ, 1991 September	1991 Sep. 10	B&R--NONA/NEP
3664 (Japan)	Cruise report of the flying squid survey by the <i>Shoyo maru</i> in June to August, 1991 - Tracking seabird and flying squid using the biotelemetry system. H. Tanaka, Y. Nakamura, and K. Yamanaka, FAJ, 1991 September	1991 Sep. 10	B&R--NONA/NEP --MM --S
3665 (Japan)	Cruise report of the flying squid survey by the <i>Kaiun maru</i> in July/September, 1991. A. Yatsu, S. Hayase, and K. Kaga, FAJ, 1991 September	1991 Sep. 13	B&R--NONA/NEP --MM --S
3666 (Japan)	Outline of ecological study of flying squid by <i>Hokko maru</i> in 1991. Y. Nakamura and K. Saito, FAJ, 1991 September	1991 Sep. 10	B&R--NONA/NEP
3667 (Japan)	Distribution and density of marine debris in the North Pacific based on sighting surveys in 1990. K. Nasu and K. Hiramatsu, FAJ, 1991 September	1991 Aug. 7	B&R--NONA/NEP

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3668 (Japan)	Geographical difference of walleye pollock caught from three Bering Sea areas from standpoint of metal and amino acid contents of otoliths. H. Nakano, M. Takahashi, and K. Kikuchi, FAJ, 1991 October	1991 Sep. 19	B&R--BSP
3669 (Japan/ U.S.)	Cooperative Japan-U.S. high seas salmonid research in 1991: Summary of research aboard the Japanese research vessel <i>Wakatake maru</i> , 4 June to 23 July. Y. Ishida, FAJ, N. Davis, FRI, and K. Tadokoro, Sch. of Marine Sci. & Techn., Tokai University, 1991 September	1991 Oct. 22	B&R--S
3670 (Japan)	Proposed cruise plans of Japanese research vessels for salmon and marine mammals in the North Pacific ocean, 1992. FAJ, 1991 September	1991 Oct. 22	B&R--S --MM
3671 (Japan)	Age and maturity data of sockeye and coho salmon by sex, 2°x5° area, and by ten-day period in 1990. FAJ, 1991 September	1991 Oct. 22	B&R--S
3672 (Japan)	Data record of fishes and squids caught incidentally in gillnets of Japanese salmon research vessels in 1990. FAJ, 1991, September	1991 Oct. 22	B&R--S
3673 (Japan)	Catch statistics of salmon and marine mammals caught in gillnets of Japanese salmon research vessels in 1988, 1989, and 1990. FAJ, 1991 September	1991 Oct. 22	B&R--S --MM
3674 (Japan)	Data record of salmonids snout samples with missing adipose fin, steelhead trout with missing adipose fin released with disc tag, and steelhead trout kidney samples collected by Japanese salmon research in 1991. S. Ito, FAJ, 1991 September	1991 Oct. 22	B&R--S
3675 (Japan)	Number of steelhead trout taken by Japanese landbased salmon fishery by 2°x5° area and ten-day period in 1990. FAJ, 1991 September	1991 Oct. 22	B&R--S

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3676 (Japan)	Report of incidental take of all marine mammals collected by Japanese observers in the non-traditional land-based fishery in 1990. FAJ, 1991 September	1991 Oct. 22	B&R--MM
3677 (Japan)	Data record of Japanese salmon research vessels in 1990, I - catch data, II - oceanographic data. FAJ, 1991 June	1991 Oct. 22 SS	B&R--S
3678 (Canada)	Summary of 1991 herring stock assessment. V. Haist, and J.F. Schweigert, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3679 (Canada)	Biological advice on management of British Columbia groundfish for 1992. B.M. Leaman, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3680 (Canada)	Canadian field research studies for 1991 in the Northeast Pacific. L.J. Richards, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3681 (Canada)	Catch and effort statistics of the Canadian groundfish fishery on the Pacific coast in 1990. K.L. Rutherford, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3682 (Canada)	Summary of vessel size in the Canadian trawl fleet on the Pacific coast, 1970-90. K. Rutherford, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3683 (Canada)	Canadian regulations on non-domestic fisheries. M.W. Saunders, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3684 (Canada)	Results of the 1991 Canada-Japan experimental squid jig fishery off British Columbia. W. Shaw, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3685 (Canada)	Catch and effort statistics of the Canadian crab fishery on the Pacific coast in 1990. C.G. Wallace, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP

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3686 (Canada)	Catch and effort statistics of the Canadian shrimp fishery on the Pacific coast in 1990. C.G. Wallace, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3687 (Canada)	Catch statistics for the Canadian albacore tuna fishery: 1945-1990. D.M. Ware and K.L. Yamanaka, DFO, 1991 September	1991 Sep. 30	B&R--NONA/NEP
3688 (Canada)	Origins of chum salmon taken in the Japanese large scale pelagic squid driftnet fishery during 1990. S.M. McKinnell, DFO, 1991 September	1991 Sep. 30	B&R--S
3689 (Canada)	Recoveries of salmon tagged and released in the central North Pacific Ocean during a Canadian research vessel cruise, May 22-July 1, 1990. S.M. McKinnell, and W. Shaw, DFO, 1991 September	1991 Sep. 30	B&R--S
3690 (Canada)	Preliminary results from the joint USSR-Canadian research cruise to the North-west Pacific Ocean. J.F.T. Morris, D.W. Welch, and O.A. Rassadnikov, DFO, 1991 September.	1991 Sep. 30	B&R--S
3691 (Canada)	On some sampling characteristics of high seas gillnet surveys for salmon. D.W. Welch, DFO, and Y. Ishida, FAJ, 1991 September.	1991 Sep. 30	B&R--S
3692 (Canada)	Evidence for attacks by the bathypelagic fish <i>Anotopterus pharao</i> ( <i>Mystophiiformes</i> ) on Pacific salmon ( <i>Oncorhynchus</i> spp.). D.W. Welch, L. Margolis, M. Henderson, and S. McKinnell, DFO, 1991 September	1991 Sep. 30	B&R--S
3693 (U.S.)	Origins of chinook salmon in the Japanese traditional landbased driftnet salmon fishery in 1990 based on scale pattern analysis. N.D. Davis, NMFS, 1991 September	1991 Oct. 8	B&R--S

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3694 (U.S.)	Biological information on Pacific salmon and steelhead in observer samples from the Japanese squid driftnet fishery in 1990. K.W. Myers and R.L. Bernard, NMFS, 1991 September	1991 Oct. 8	B&R--S
3695 (U.S.)	Scale pattern estimates of origin of sockeye salmon in 1990 port samples of the Japanese traditional landbased driftnet salmon fishery. K.W. Myers, NMFS, 1991 September	1991 Oct. 8	B&R--S
3696 (U.S.)	Tag returns in 1991 - United States High Seas Salmon Tagging. K.W. Myers, NMFS, 1991 September	1991 Oct. 8	B&R--S
3697 (U.S.)	Age composition of salmon and steelhead in 1990 port samples of the Japanese traditional landbased driftnet salmon fishery. K.W. Myers and W.B. Campbell, NMFS, 1991 September	1991 Oct. 8	B&R--S
3698 (U.S.)	Parasite tag identifications of U.S. Pacific Northwest origin steelhead caught in the North Pacific Ocean in 1990. K.W. Myers, W.B. Campbell, and R.L. Burgner	1991 Oct. 8	B&R--S
3699 (U.S.)	Scale pattern estimates of origin of coho salmon taken in the Japanese traditional landbased driftnet salmon fishery in 1990. R.V. Walker, NMFS, 1991 September	1991 Oct. 8	B&R--S
3700 (U.S.)	Estimates of origin of coho salmon caught in the Japanese high seas squid driftnet fishery in 1990. R.V. Walker, NMFS, 1991 September	1991 Oct. 8	B&R--S
3701 (U.S.)	Research vessel salmonid CPUE in relation to the Northern Boundary of the squid driftnet fishery. R.V. Walker, NMFS, 1991 September	1991 Oct. 8	B&R--S

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3702 (U.S.)	Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1991. R.V. Walker, M.B. Ward, K.W. Myers, and S. Leopold, NMFS, 1991 September	1991 Oct. 8	B&R--S
3703 (U.S.)	Catch and effort statistics of U.S. domestic and joint venture fisheries in the Bering Sea and Northeast Pacific Ocean (preliminary), 1990. R.E. Narita, NMFS, 1991 September	1991 Oct. 8	B&R--NONA/BSP --NONA/NEP
3704 (U.S.)	Stock assessment and fishery evaluation report for the groundfish resources of the Bering Sea/Aleutian Islands region as projected for 1992. NPFMC, 1991 September	1991 Oct. 8	B&R--NONA/BSP
3705 (U.S.)	Stock assessment and fishery evaluation report for the 1992 Gulf of Alaska groundfish fishery. NPFMC, 1991 September	1991 Oct. 8	B&R--NONA/NEP
3706 (Japan)	Recovery information for tagged groundfish in the Bering Sea and Northeast Pacific in 1990. FAJ, 1991 October	1991 Oct. 1	B&R--NONA/BSP --NONA/NEP
3707 (Japan)	Recovery information for tagged groundfish in the Bering Sea and Northeast Pacific in 1991. FAJ, 1991 October	1991 Oct. 1	B&R--NONA/BSP --NONA/NEP
3708 (Japan)	Vessel and gear specification of the Japanese fishery operated in the North Pacific in 1989. FAJ, 1991 October	1991 Oct. 1	B&R--NONA/BSP --NONA/NEP
3709 (Japan)	Vessel and gear specification of the Japanese fishery operated in the North Pacific in 1990. FAJ, 1991 October	1991 Oct. 1	B&R--NONA/BSP --NONA/NEP



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3710 (Japan)	Report on Japan-U.S. Joint Longline Survey by <i>Tomi maru</i> No. 88 in the eastern Bering Sea, Aleutian Region and Gulf of Alaska, 1988. T. Sasaki and K. Yano, FAJ, 1990 September	1991 Sep. 27	B&R--NONA/BSP --NONA/NEP
3711 (Japan)	Catch and effort statistics for the Japanese Squid Driftnet Fishery in the North Pacific in 1990. FAJ, 1991 September	1991 Sep. 27	B&R--NONA/NEP --S --MM
3712 (U.S.)	Summary of U.S. observer sampling of joint venture fisheries in the Northeast Pacific ocean and eastern Bering Sea. M. Guttormsen, R. Narita and J. Berger, NMFS, 1991 September	1991 Oct. 8	B&R--NONA/NEP --NONA/BSP
3713 (U.S.)	An experimental design to detect differences of by-catch rates in surface and subsurface driftnets in North Pacific squid driftnet fisheries. L. Simon, NMFS, and B. Lindsay, Pennsylvania State Univ., 1991 September	1991 Oct. 8	B&R--NONA/NEP --MM --S
3714 (Canada/ U.S.)	Information on the Pacific halibut fishery and resource in the Bering Sea and the North-east Pacific Ocean, 1990. IPHC, Seattle, 1991 August.	1991 Oct. 8	B&R--NONA/NEP --NONA/BSP
3715 (U.S.)	Preliminary report on U.S. observer sampling of domestic fisheries in the Northwest Pacific Ocean and eastern Bering Sea, 1990. M. Guttormsen, R. Narita and J. Berger, NMFS, 1991 September	1991 Oct. 8	B&R--NONA/NEP --NONA/BSP
3716 (Japan)	Data record from flying squid research vessels in the North Pacific conducted by Japan in 1990. FAJ, 1991 September	1991 Oct. 9 SS	B&R--NONA/NEP --MM --S

DOC NO. & ORIGIN	TITLE, AUTHOR, DATE, ETC.	DATE RECEIVED BY SECRETARIAT	COMMITTEE
3717 (U.S.A.)	United States research surveys conducted in 1991 and surveys planned for 1992 in the Bering Sea. T.M. Sample, NMFS, 1991 October	1991 Oct. 11	B&R--NONA/BSP
3718 (Rev. 1) (U.S.A.)	U.S. observations of the Japanese non-traditional landbased driftnet salmon fishery in 1991. M. Dahlberg, NMFS, 1991 October	1991 Oct. 24	B&R--MM --S
3719 (U.S.A.)	Food habits of northern right whale dolphin, Pacific white-sided dolphin, and northern fur seal caught in high seas driftnet fisheries of the North Pacific Ocean, 1990. W. Walker, Nat. Hist. Mus. L.A. County, 1991 October	1991 Oct. 24	B&R--MM
3720 (U.S.A.)	Preliminary analyses of northern right whale dolphin ( <i>Lissodelphis borealis</i> ) and Pacific white-sided dolphin ( <i>Lagenorhynchus obliquidens</i> ) age and reproductive parameters from the Japanese squid driftnet fishery, June-November, 1990. R.C. Ferrero and M. Gosho, NMFS; W.A. Walker, Nat. Hist. Mus. L.A. County, 1991 October	1991 Oct. 24	B&R--MM
3721	Final report of 1990 observations of the Japanese high seas squid driftnet fishery in the North Pacific Ocean. FAJ, DFO, NMFS, U.S. Fish. & Wildlife Serv., 1991 June	1991 Oct. 25 SS	B&R--MM
3722 (Canada)	The illegal harvest and marketing of North American origin Pacific salmon. Summary of 1990 laundered salmon trade. R. Steinbock & J. Jamieson, DFO, 1991 October	1991 Oct. 28	B&R--S F&A
3723 (U.S.A.)	Incidental and illegal catches of salmonids in North Pacific driftnet fisheries. J. Pella, R. Rumbaugh, L. Simon, M. Dahlberg, S. Pennoyer and M. Rose, NMFS, 1991 October	1991 Oct. 28	B&R--S

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3724	Incidence of coded-wire tagged salmonids in the 1991 Japanese squid driftnet fishery. S. McKinnell, M. Dahlberg, Y. Ishida, DFO, NMFS, FAJ, 1991 October	1991 Oct. 28	B&R-S
3725 (U.S.A.)	Incidence of coded-wire tagged salmonids in commercial and research catches in the North Pacific ocean and Bering Sea, 1990-1991. M. Dahlberg, S. Fowler, N. Maloney, R. Heintz, NMFS, 1991 October	1991 Oct. 28	B&R-S
3726 (Japan)	Size composition of samples collected by Japanese groundfish fisheries in the Bering Sea, 1990 January to December. FAJ, 1991 October (Printout)	1991 Oct. 28	B&R--NONA/BSP
3727 (Japan)	Catch statistics of Japanese groundfish fisheries in the Bering Sea, 1990 January to December. FAJ, 1991 October (Printout)	1991 Oct. 28	B&R--NONA/BSP

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This is a list of working papers, manuscripts, meeting reports, etc. which have been assigned document numbers since the adjournment of the 38th Annual Meeting--1991. Although no sub-committees or panels are organized at the 1992 B&R meeting, the abbreviations used are:

An asterisk following the document number indicates that the document is not available for general distribution for some reason; an indication of the reason is shown in parentheses after the title. The abbreviations used in this connection are:

Document titles which are capitalized will be contained in the bound proceedings of the 1992 meetings.

DOC. NO. & ORIGIN	TITLE, AUTHOR, DATE, ETC.	DATE RECEIVED BY SECRETARIAT	COMMITTEE
3723 (U.S.) (Rev. 1)	Incidental and Illegal Catches of Salmonids in North Pacific Driftnet Fisheries. J. Pella, R. Rumbaugh, L. Simon, M. Dahlberg, S. Pennoyer and M. Rose, NMFS, 1991 October	1991 Oct. 28	B&R-S
<b>3738</b>	<b>LIST OF DOCUMENTS-1992</b>		
3736	Report of the Working Group on Cooperative Surveys of the Sub-Committee on Non-Anadromous Species. Tokyo and Hasaki, Japan, 1991 November 18 to 25	1991 Dec. 23	B&R--NONA/BSP --NONA/NEP
3737 (Japan)	Salmon Catch Statistics for Japanese Non-traditional and Traditional Landbased Salmon Fisheries, 1991. Fisheries Agency of Japan, 1992 January	1992 Jan. 13	B&R-S
3739 (Poland)	Activities of the Polish Fishing Fleet in the Northeast Pacific by INPFC Statistical Area, 1991 June to September. Instytut Rybacki w Gdyni, 1992 May	1992 May 25	B&R--NONA/NEP
3740 (Japan)	Catch Statistics of the Japanese Non-traditional Landbased Fishery by 1°x1° INPFC Area, by Species in Kilograms, by 1-day, and by Cumulative Quantity of Gear Used (in tans), 1991. Fisheries Agency of Japan, 1991 October	1991 Oct. 8	B&R-S
3741	Report of the Working Group on Cooperative Surveys of the Sub-Committee on Non-Anadromous Species. Seattle, 1992 May 11 to 15	1992 July 21	B&R--NONA/BSP --NONA/NEP
<b>3742</b>	<b>AUDITORS' REPORT TO THE COMMISSION, 1991/92</b>		<b>F&amp;A</b>
3743	Details of Items in the Auditors' Report for the 1991/92 fiscal period (INPFC Doc. 3742)		F&A
3744	Report on Financial Situation In the Current Fiscal Year (1992/93)		F&A
<b>3745</b>	<b>ADMINISTRATIVE REPORT FOR 1992</b>		<b>F&amp;A</b>
<b>3746</b>	<b>STATUS OF RECEIPT OF INFORMATION PERTINENT TO ARTICLE III 1.(e) AND IX 2.</b>		<b>F&amp;A</b>
3747	Report on the Status of Publications		F&A/B&R-S
3748	Treaties and Agreements Tabled Since 1991 November 8		B&R-S
3749	List of Material and Data Exchanges, 1991/92		F&A/B&R-S

DOC. NO. & ORIGIN	TITLE, AUTHOR, DATE, ETC.	DATE RECEIVED BY SECRETARIAT	COMMITTEE
3750 (Japan/ Canada/ U.S.)	Final Reports of Observations of the Japanese High Seas Large-mesh Driftnet Fishery in the North Pacific Ocean, 1990-1991. Joint Report of Fisheries Agency of Japan, DFO, NMFS and U.S. Fish and Wildlife Service, 1992 April	1992 Sept. 1	B&R-NONA/NEP
3751 (Japan/ Canada/ U.S.)	Final Report 1991 Observations of the Japanese High Seas Squid Driftnet Fishery in the North Pacific Ocean. Joint Report of Fisheries Agency of Japan, DFO, NMFS and U.S. Fish and Wildlife Service, 1992 June	1992 Sept. 1	B&R-NONA/NEP
3752 (U.S.)	Review of Groundfish Research, Assessments, and Management by the Alaska Fisheries Science Centre. M. Wilkins, T. Wilderbuer and D. Clausen, Alaska Fisheries Science Center, 1992 August	1992 Sept. 25	B&R-NONA/BSP -NONA/NEP
3753* (Japan)	Data Records From Salmon Research Vessels, 1991. I - Catch Data II - Oceanographic Data Fisheries Agency of Japan, 1992 June (SS)	1992 Sept. 14	B&R-S
3754 (Japan)	Reports on the Research of Salmon Resources in the North Pacific Ocean in 1992. Fisheries Agency of Japan, 1992 September	1992 Sept. 14	B&R-S
3755 (Japan)	Research Plan for Salmon Resources by Japan in the North Pacific Ocean in 1993. Fisheries Agency of Japan, 1992 September	1992 Sept. 14	B&R-S
3756 (Japan)	Outline of Flying Squid Resource Investigations Conducted by Research Vessels of the Fisheries Agency of Japan in the North Pacific in 1992. S. Hayase, A. Yatsu, H. Tanaka, Y. Nakamura, K. Saito, Fisheries Agency of Japan, 1992 September	1992 Sept. 14	B&R-NONA/NEP
3757 (Japan)	Catch of Effort Statistics for the Japanese Squid Driftnet Fishery in the North Pacific in 1991. Fisheries Agency of Japan, 1992 September	1992 Sept. 14	B&R-NONA/NEP
3758 (Japan)	Outline of a Jigging Survey as an Alternative Fishing Technology to the Squid Driftnet by Japanese Research Vessels in the High Seas of the North Pacific during May-August, 1992. Fisheries Agency of Japan, 1992 September	1992 Sept. 21	B&R-NONA/NEP
3759 (Japan)	Distribution of northern fur seals, <i>Callorhinus ursinus</i> , in the central North Pacific from April to May during 1988-1991. N. Baba, M. Kyota, K. Yoshida, Fisheries Agency of Japan, T. Kodo, Nagasaki University, Japan, 1992 September	1992 Sept. 21	B&R-MM

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3760 (Japan)	Outline of Japanese Bering Sea Groundfish Fisheries in 1991 and Related Research Activity. Fisheries Agency of Japan, 1992 October	1992 Sept. 24	B&R-NONA/BSP
3761 (Japan)	Outline of Japanese Whale Sighting Cruises in the North Pacific in 1992 and Plans for 1993. H. Kato, T. Miyashita, Fisheries Agency of Japan, 1992 September	1992 Sept. 24	B&R-MM
3762 (Canada)	Preliminary Results from the Canadian High Seas Salmon Research Cruise to the Eastern North Pacific Ocean, February 27 - March 25, 1992. J.F.T. Morris, D.W. Welch, DFO, Nanaimo, 1992 October	1992 Oct. 01	B&R-S
3763 (Canada)	Preliminary Results from the Canadian High Seas Research Cruise to the Eastern North Pacific Ocean, July 5-23, 1992. J.F.T. Morris, D.W. Welch, W. Shaw, DFO, Nanaimo, 1992 October	1992 Oct. 01	B&R-S -NONA/NEP
3764 (Japan)	Vessel and Gear Specification of the Japanese Fishery Operated in the North Pacific in 1991. Fisheries Agency of Japan, 1992 October	1992 Sept. 28	B&R-NONA/BSP
3765* (Japan)	Size Composition of Samples Collected by Japanese Groundfish Fisheries in the Bering Sea, 1991 January to December, Fisheries Agency of Japan, 1992 September (Printout)	1992 Sept. 28	B&R-NONA/BSP
3766* (Japan)	Catch Statistics of Japanese Groundfish Fisheries in the Bering Sea, 1991 January to December, Fisheries Agency of Japan, 1992 September (Printout)	1992 Sept. 28	B&R-NONA/BSP
3767 (U.S.)	Tag Returns in 1992 United States High Seas Salmon Tagging. K.W. Myers, FRI, Seattle, 1992 September	1992 Sept. 29	B&R-S
3768 (U.S.)	Tags Released During the Final Legs of the USSR-US Cooperative Cruises in 1990 and 1991. R.V. Walker, FRI, Seattle, 1992 September	1992 Sept. 29	B&R-S
3769 (U.S.)	Estimates of Origin of Coho Salmon Caught in Asian High Seas Squid Driftnet Fisheries in 1991 and in an Illegal Taiwanese Salmon Driftnet Fishery in 1989. R.V. Walker, FRI, Seattle, 1992 September	1992 Sept. 29	F&A/B&R-S -NONA/NEP

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3770 (U.S.)	Marine Bird Voucher Specimens from Driftnet Observer Programs In 1990-1991. P. Gould, U.S. Fish and Wildlife Service, Anchorage, G. Shugart, C. Wood. Univ. of Washington, Seattle, 1992 October	1992 Sept. 29	B&R-S
3771 (U.S.)	Stock Assessment and Fishery Evaluation Report for the Groundfish Resources of the Bering Sea/Aleutian Islands Regions as Projected for 1993. NPFMC., Anchorage, 1992 September	1992 Sept. 29	B&R-NONA/BSP
3772 (U.S.)	Appendices to the Status of the Pacific Coast Groundfish Fishery Through 1992 and Recommended Acceptable Biological Catches for 1993. PPMC, Portland, 1992 September	1992 Sept. 29	B&R-NONA/NEP
3773 (Canada)	A Summary of Catch Statistics for the Canadian Groundfish Fishery on the Pacific Coast in 1991. K.L. Rutherford, DFO, Nanaimo, 1992 September	1992 Oct. 01	B&R-NONA/NEP
3774 (Canada)	Catch Statistics for the 1991 Canadian Albacore Tuna Fishery. K.L. Yamanaka, DFO, Nanaimo, 1992 September	1992 Oct. 01	B&R-NONA/NEP
3775 (Canada)	Catch and Effort Statistics of the Canadian Shrimp Fishery on the Pacific Coast in 1991. C.G. Wallace, DFO, Nanaimo, 1992 September	1992 Oct. 01	B&R-NONA/NEP
3776 (Canada)	Canadian Field Research Studies for 1992 in the Northeast Pacific. L.J. Richards, DFO, Nanaimo, 1992 September	1992 Oct. 01	B&R-NONA/NEP
3777 (Canada)	Catch and Effort Statistics of the Canadian Crab Fishery on the Pacific Coast in 1991. C.G. Wallace, DFO, Nanaimo, 1992 September	1992 Oct. 01	B&R-NONA/NEP
3778 (U.S.)	Stock Assessment and Fishery Evaluation Report for the 1993 Gulf of Alaska Groundfish Fishery. NPFMC, Anchorage, 1992 September	1992 Oct. 06	B&R-NONA/NEP
3779 (U.S.)	Preliminary Summary of Marine Debris Observed on U.S. Fishing Vessels in the Northeast Pacific Ocean and Bering Sea, 1992. H. Weikart, NMFS, Seattle, 1992 October	1992 Oct. 06	B&R-NONA/NEP
3780 (U.S.)	Incidence of Coded-wire Tagged Salmonids in Commercial and Research Catches in the North Pacific Ocean and Bering Sea, 1991-1992. M. Dahlberg, S. Fowler, N. Maloney, R. Heintz, NMFS, Auke Bay, 1992 October	1992 Oct. 06	B&R-S



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3781 (Canada)	Biological Advice on Management of British Columbia Groundfish for 1993. B.M Leaman, DFO, Nanaimo, 1992 October	1992 Oct. 09	B&R-NONA/NEP
3782 (Canada)	Canadian Regulations on Non-domestic Fisheries 1977 - 1992. M.W. Saunders, DFO, Nanaimo, 1992 October	1992 Oct. 09	B&R-NONA/NEP F&A